



Atlantic Richfield Company  
(a BP affiliated company)



P.O. Box 6549  
Moraga, California 94570  
Phone: (925) 299-8891  
Fax: (925) 299-8872

December 28, 2005

Re: ARCO Service Station # 2100  
98 South Park Victoria Drive  
Milpitas, California  
Well Destruction Report

"I declare, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached document are true and correct.

Submitted by:

Paul Supple  
Environmental Business Manager



December 27, 2005

Mr. Mamerto Jorvina  
County of Santa Clara Department of Environmental Health  
1555 Berger Drive, Suite 300  
San Jose, CA 95112-2716

**Re: Well Destruction Report  
Former ARCO Service Station #2100  
98 South Park Victoria Drive  
Milpitas, California  
SCVWD ID No.: 06S1E05Q02f**

Dear Mr. Jorvina:

At the request of Remediation Management (RM - a BP affiliated company), URS Corporation (URS) has prepared this *Well Destruction Report* for the former ARCO Service Station #2100 located at 98 South Park Victoria Drive in Milpitas, California (the Site, Figure 1). The scope of work consisted of destroying the eight on-Site groundwater monitoring wells (MW-6, M-8, MW-8, MW-9, MW-10, MW-12, EX-1, and EX-2) and the five off-Site groundwater monitoring wells (MW-3, MW-4, MW-5, MW-7, and MW-11) for RM. Currently, no groundwater monitoring wells or vapor extraction wells associated with the Site remain on or off-Site.

#### **SITE DESCRIPTION**

The Site is located at 98 South Park Victoria Drive in Milpitas, California. Around 1993, the former ARCO Service station building and all associated piping, tanks, and gas station materials were removed and a new commercial building was constructed on-Site. This commercial building is still present on-Site. Properties adjacent to the Site include the Arroyo De Los Coches Channel to the south, South Park Victoria Drive to the west, and more retail buildings and a parking lot to the north and east of the property. The Santa Clara County Department of Environmental Health (CSCDEH) granted the Site case closure on November 22, 2000.

#### **Well Destruction Activities**

URS personnel supervised a California licensed-driller destroy groundwater monitoring wells MW-3 through MW-12, EX-1, EX-2 and M-8 by pressure grouting the well casings. Well destruction activity details are presented below.

**Personnel Present:** URS Geologists John McCain (California Professional Geologist No. 8020) and Kirk Martin.

**Permits:** Santa Clara Valley Water District (SCVWD) Permit # 05D00627 (MW-3), 05D00626 (MW-4), 05D00628 (MW-5), 05D00863 (MW-6),

URS Corporation  
1333 Broadway, Suite 800  
Oakland, CA 94612-1924  
Tel: 510.893.3600  
Fax: 510.874.3268

Mr. Mamerto Jorvina  
Page 2 of 2  
December 27, 2005


05D00625 (MW-7), 05D00841 (MW-8), 05D00633 (MW-9), 05D00629 (MW-10), 05D00635 (MW-11), 05D00630 (MW-12), 05D00631 (EX-1), 05D00634 (EX-2), and 05D00632 (M-8).


**Drilling Company:** Gregg Drilling of Martinez, California (C-57 License # 485165).  
**Date of Destruction:** October 11, 2005.  
**Number of Wells:** Thirteen (13) wells (MW-3 through MW-12, EX-1, EX-2 and M-8).  
**Destruction Method:** Wells were pressure grouted using a neat cement mixture according to SCVWD well destruction guidelines.  
**Destruction Notes:** Thirteen wells were pressure grouted from the bottom to the ground surface using a Tremie pipe applying 25 pound per square inch of pressure for five minutes each. Copies of the Department of Water Resources (DWR) well completion reports are included in Attachment B.  
**Soil and Water Handling:** There were no soil cuttings or rinsate water produced during the destruction activities.

We appreciate the opportunity to present this *Well Destruction Report* to the CSCDEH on behalf of RM and trust that this document meets with your approval. Please do not hesitate to contact us at (510) 893-3600 with any questions or comments.

Sincerely,

**URS CORPORATION**

  
Kirk S. Martin  
Geologist.

  
John McCain, P.G.  
Project Manager



**Attachments:**

Figure 1	Site Map
Table 1	Well Construction and Destruction Details
Attachment A	SCVWD Well Destruction Permits
Attachment B	DWR Well Completion Reports (original copy submitted to SCVWD Wells Division)



cc: Mr. Paul Supple, RM (electronic copy uploaded to ENFOS)  
Mr. Bertram Berns, P.O. Box 8469, San Jose, CA 95155

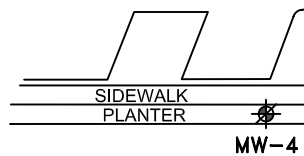
Jan 03, 2006 - 12:52pm  
X:\x-env\waste\BP GEM\Sites\Lynelle Onishi - SCWVD ARCO Sites\2005 Well Destructions\Drawings\FIG1-Revised.dwg



NORTH

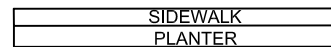
**LEGEND:**

-  DESTROYED GROUNDWATER MONITORING WELL
-  DESTROYED GROUNDWATER EXTRACTION WELL



MW-4

MW-8



MW-8

MW-10

PARKING

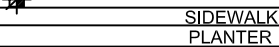
INFILTRATION TRENCH

FORMER UST COMPLEX

M-8

EX-1

EX-2



MW-6

SCWVD ACCESS RD.

ARROYO DE LOS COCHES CHANNEL

OVERFLOW 4" STEEL PIPE CAPPED

MW-3

SOUTH PARK VICTORIA DRIVE

SIDEWALK

MW-7

MW-11

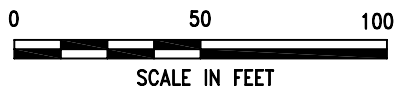
BUILDING

BUILDING

CHANNEL

SCWVD ACCESS RD.

MW-5



SCALE IN FEET

**URS**

Project No. 38487376

Former Arco Service  
Station #2100  
98 South Park Victoria Milpitas, California

SITE PLAN

FIGURE  
1

## Summary of Well Construction and Destruction Details

ARCO Station #2100  
98 South Park Victoria Drive, Milpitas, CA  
Well Destruction Details

No.	Well ID	Well Type	Well Diameter (inches)	Screened Interval Length (feet bgs)	Depth to bottom of boring (feet bgs)	Well Destruction Method
1	MW-3	Monitoring	2	16 - 36	37.00	Pressure Grout
2	MW-4	Monitoring	2	13 - 29	30.50	Pressure Grout
3	MW-5	Monitoring	2	14 - 26.5	30.50	Pressure Grout
4	MW-6	Monitoring	2	unknown	unknown	Pressure Grout
5	MW-7	Monitoring	2	11 - 28	30.50	Pressure Grout
6	MW-8	Monitoring	2	20 - 35	40.00	Pressure Grout
7	M-8	Monitoring	4	6 - 26	26.00	Pressure Grout
8	MW-9	Monitoring	2	20 - 35	35.00	Pressure Grout
9	MW-10	Monitoring	2	20 - 35	35.00	Pressure Grout
10	MW-11	Monitoring	4.5	18 - 34.5	34.50	Pressure Grout
11	MW-12	Monitoring	2	15 - 35	36.00	Pressure Grout
12	EX-1	Extraction	4.5	17.5 - 37	40.00	Pressure Grout
13	EX-2	Extraction	4.5	17 - 37	40.00	Pressure Grout

Notes:

AS/VE = Air sparge/vapor extraction

bgs = Below ground surface

**Attachment A**  
SCVWD Well Destruction Permits



# WELL DESTRUCTION APPLICATION

FC 198w (12-16-02)

Page 1 of 4

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05800627

<b>Well Owner:</b> Atlantic Richfield Company	<b>Property Owner:</b> Mr. Bertram Berns	<b>Name of Business/Residence at Well Site:</b> ARCO Service Station #2100	
<b>Well Owner's Mailing Address:</b> P.O. Box 6549	<b>Property Owner's Mailing Address:</b> 1245 South Winchester Blvd.	<b>Address of Well Site:</b> 98 South Park Victoria	
<b>City, State, Zip:</b> Moraga, CA 94570	<b>City, State, Zip:</b> San Jose, CA 95128	<b>City, State, Zip:</b> Milpitas, CA	
<b>Telephone No.:</b> 925-299-8891	<b>Telephone No.:</b> 408-249-1440	<b>Assessor's Parcel Number of Well Site:</b> Book: 088 Page: 04 Parcel: 078	
<b>Consultant:</b> URS Corporation	<b>Drilling Company:</b> Gregg Drilling		
<b>Address:</b> 1333 Broadway, Suite 800	<b>Address:</b> 950 Howe Road		
<b>City, State, Zip:</b> Oakland, CA 94612	<b>City, State, Zip:</b> Martinez, CA 94553		
<b>Telephone No.:</b> 510-874-3026 / John McCain	<b>Telephone No.:</b> 925-313-5800	<b>C-57 License No.:</b> 485165	
<input type="checkbox"/> Check if address or phone number has changed.		<input type="checkbox"/> Check if address or phone number has changed.	

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

## Well Information

<b>Well Registration No.:</b> 06501E05Q027	<b>Owner/Consultant Well No.:</b> MW-3	<b>Original Well Construction Permit No.:</b> 89W1759
<b>Well Casing Depth:</b> 36'	<b>Total Boring Depth:</b> 37'	<b>Well Casing Diameter:</b> 2"

## THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station 2100

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

PC # 01-028 C. Jullio

☐ Well on SCVWD property/easement\* ☒ Well is within 50 feet of the top of a creek/river bank\* (\* See General Conditions, E.)

**Well Description:**

☒ Vertical Well ☐ Dewatering Well ☐ Elevator Shaft ☐ Multiple Casing ☐ Horizontal Well ☐ Pit Well

**Well Type:** check all that apply

☐ Water Producing (supply or extraction) ☐ Contamination Cleanup ☐ Agricultural ☐ Domestic ☐ Municipal & Industrial ☐ Vapor Extraction

☒ Monitoring ☐ Inclinator ☐ Groundwater ☐ Vadose ☐ Piezometer ☐ Interface ☐ Suction Lysimeter ☐ Seismic

☐ Injection/Infiltration ☐ Contamination Cleanup ☐ Reclaimed Water ☐ Air Sparging

☐ Cathodic Protection

## Additional Questions For Water Producing Wells

Does the well have:

1. Outer conductor casing? ☐ Yes ☐ No

2. Annular cement seal outside of casing at surface? ☐ Yes ☐ No

3. A S.C.V.W.D. water meter attached? ☐ Yes ☐ No

**Type of Original Drilling Method:**

☐ Rotary ☐ Cable-Tool ☐ Hand Dug Pit Well ☐ Hollow Stem Auger ☐ Other:

## IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.  
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.  
Please allow 10 working days to process permit application.

SEP 7 2005

S.C.V.W.D.  
WELLS

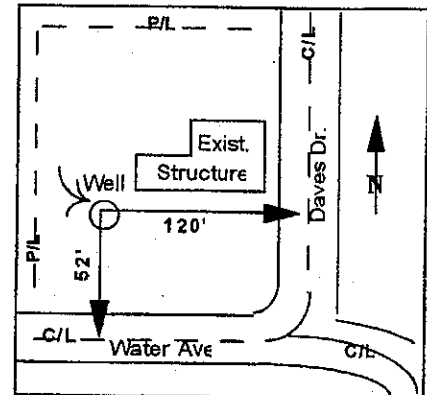
Site Plan

WELL LOCATION

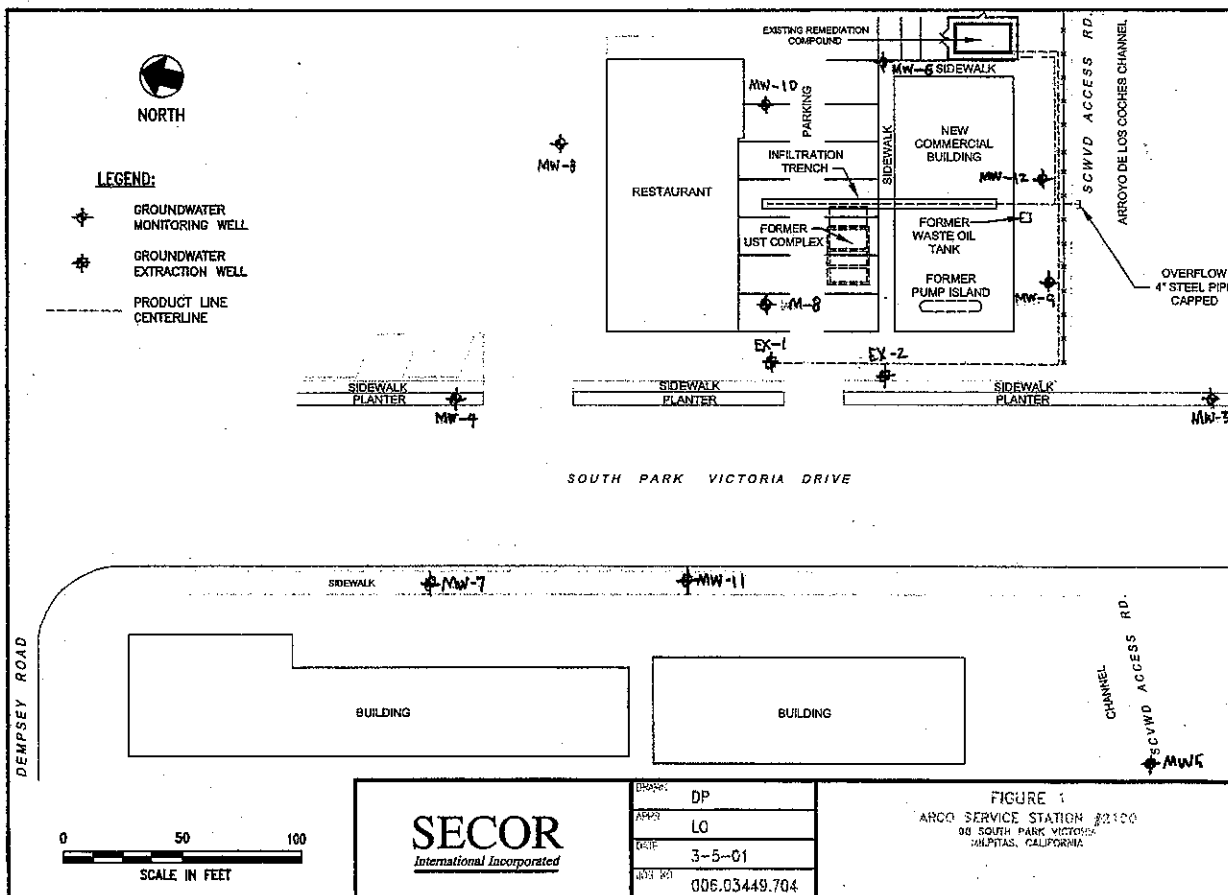
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described above:



Please allow 10 working days to process this application.



Please describe, in detail, the proposed destruction method\*:

Well destruction via pressure grout according to SCVWD guidelines.

\* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

**NOTE:** All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: <i>Chynelle Stiles for ARCO</i>	Print Name: Jacob Henry/ URS for Atlantic Richfield Co	Date: <i>9/19/05</i>
Signature of Driller/Agent: <i>Chynelle Drullo for Gregg</i>	Print Name: Jacob Henry/ URS for Gregg Drilling	Date: <i>9/19/05</i>
Signature of Consultant (if any): <i>Chynelle Drullo for URS</i>	Print Name: Jacob Henry/ URS	Date: <i>9/19/05</i>

#### DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

**NOTE:** Neat cement is the only sealing material approved for pressure grouting.

☒ OR Drill out well to a total depth of 37 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of \_\_\_\_\_ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). **NOTE:** Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: \_\_\_\_\_

☐ Other: \_\_\_\_\_

Permit Approved By: <i>B. Carr</i>		Date: <i>9-14-05</i>	
District Permit No.: <i>05D00627</i>	Date Issued: <i>9-21-05</i>	Expiration Date: <i>3-21-05</i>	Driller's Log No.: <i>030695</i>

Please allow 10 working days to process this application.

**GENERAL CONDITIONS**

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District



WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

From: WELL SECTION	Date: 9-14-89	Permit No.: 89W1759
Inspector: Bill Cameron	Date of Inspection: 9-18-89	Well Registration No.: MW-3 0651E05Q18A
Well Owner: Arco Products Co.		
Address of Well Site: 98 S. Park Victoria		City or County: Milpitas
Drilling Company: Bayland Drilling	Consultant: Emcon	

PURPOSE OF WELL:

- |   |   |
|---|---|
| <input type="checkbox"/> Domestic             | <input checked="" type="checkbox"/> Monitoring Well Use |
| <input type="checkbox"/> Agricultural         | <input type="checkbox"/> *Varlose                       |
| <input type="checkbox"/> Municipal/Industrial | <input type="checkbox"/> *Groundwater                   |
| <input type="checkbox"/> Cathodic Protection  | <input type="checkbox"/> *Other                         |

1. Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)

2. Depth of Surface Annular Seal = 13'

Comments: T.D. = 37' Hollow Stem auger  
 T.S. = 13' neat cement  
 Bentonite = 3'

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittee Goldenrod - City/County

①

Santa Clara Valley Water District  
5750 Almaden Expressway, San Jose, CA 95118: (408) 265-2600

EMCON #805-73.03

WELL CONSTRUCTION APPLICATION

FC 158 (07-26-89) (DP 4-901)

TO BE COMPLETED BY DISTRICT		
District Permit No.: <b>89W1759</b>	Date Issued: <b>9/14/89</b>	Well Registration No.: <b>06SIE05Q18A</b>
Site Setting: <b>3</b>	Expiration Date: <b>12/14/89</b>	Driller's Log No.: <b>332227</b>

TO BE COMPLETED BY OWNER AND DRILLER		
Property Owner: <b>ARCO Products Co.</b>	Well Owner (if different): <b>same</b>	Drilling Co.: <b>Bayland Drilling</b>
Address: <b>P.O. Box 5811</b>	Address of Well Site: <b>98 South Park Victoria</b>	Driller's Contractors License Number (C-57 Req'd) <b>C57-374152</b>
City, State, Zip: <b>San Mateo, CA 94402</b>	City, State, Zip: <b>Milpitas, CA</b>	Address: <b>600 Crane Ave.</b>
Telephone No.: <b>(408) 453-7300</b>	Telephone No.:	City, State, Zip: <b>Foster City, CA 94404</b>
Assessor's Parcel No. of Well site: Book <b>88</b> Page <b>4</b> Parcel <b>74</b>	Owner's/Consultant's Well No.: <b>MW-3</b>	Telephone No.:

Estimated depth of completed well: ☒ Less than 50 ft. ☐ 50 to 300 ft. ☐ Over 300 ft.  
Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ \*Monitoring ☐ Cathodic Protection  
\*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive air samples for analysis. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies  
☐ Other (specify): ☐ Extraction/Recovery

NAME OF BUSINESS AT WELL SITE: **ARCO Service Station #2100**

Proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No  
If yes, give name of City or County:

Consultant's Name (Company):  
**EMCON Associates**

Address:  
**1921 Ringwood Ave.**

City, State, Zip:  
**San Jose, CA 95131**

Telephone No.:  
**(408) 453-7300**

Type of monitoring device: ☒ Groundwater ☐ Vadose  
Monitoring well use: ☒ Depth ☒ Quality ☐ Chloride  
Vadose device installation: ☐ Vapor ☐ Interface ☐ Suction Lysimeter

Signature of Responsible Professional  
(No substitution of signature will be accepted)

**CEG 1169**

Registration No. Civil Engineer OR Certificate No. Engineering Geologist

TOPOGRAPHIC FEATURES

Well is to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☒ On private property ☐ On SCVWD property  
Within 50 ft. of the top of a creek bank ☒ Yes ☐ No Within 50 ft. of any existing well ☒ Yes ☐ No  
Within 50 ft. of a sanitary sewer ☐ Yes ☒ No Within 150 ft. of a cesspool or seepage pit ☐ Yes ☒ No  
Within 100 ft. of a pit privy, septic tank, leachfield ☐ Yes ☒ No Other wells exist on this property ☒ Yes ☐ No  
Status: ☒ Active ☐ Inactive ☐ Abandoned

CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 85-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

EMCON Associates for ARCO **8/29/89**

Signature of Well Owner/Agent

Date

EMCON Associates for Bayland Drilling **8/29/89**

Signature of Driller/Agent

Date

MONITORING WELL PLAN APPROVAL

City/County:

Approved by:

Date:

IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 265-2600, Ext. 380. For weekends, holidays, after hours call (408) 395-8121 or (408) 265-2605.

ORIGINAL  
File with DWRSTATE OF CALIFORNIA  
NOV 13 1989  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
WATER WELL DRILLERS REPORT

Do not fill in

No. 332227

Notice of Intent No. \_\_\_\_\_

Local Permit No. or Date 89W1759State Well No. 06S1E05Q18A

Other Well No. \_\_\_\_\_

(1) OWNER: Name ARCO Products Co.  
Address P.O. Box 5811  
City San Mateo, CA ZIP 94402

(2) LOCATION OF WELL (See instructions):

County Santa Clara Owner's Well Number MW-3Well address if different from above 98 S. Park Victoria MPTownship 88 Range 4 Section 74

Distance from cities, roads, railroads, fences, etc. \_\_\_\_\_

(12) WELL LOG: Total depth 37XX ft. Completed depth 37 36  
from ft. to ft. Formation (Describe by color, character, size or material)0.5 - CLAY, black; trace fines sand; stiff;  
- moist.9.0 - CLAYEY SAND, pale brown; low  
- plasticity fines; fine to medium sand;  
- medium dense; damp.18.5 - CLAYEY GRAVEL, brown; low plasticity  
- fines; fine to coarse sand; mostly fine  
- to coarse angular gravel; very dense;  
- wet.20.5 - CLAY, yellowish brown; low to moderate  
- plasticity; fine sand; very stiff;  
- moist.28.0 - CLAYEY SAND, yellowish brown; low  
- plasticity fines; fine to medium grained  
- coarsening downward; medium dense;  
- wet.36.0 - SANDY GRAVEL, brown; low plasticity  
- fines; fine to coarse sand; fine  
- gravel; trace coarse gravel; very  
- dense; wet.

SEE ATTACHED MAP

(3) TYPE OF WORK

New Well ☒ Deepening ☐Reconstruction ☐Reconditioning ☐Horizontal Well ☐Destruction ☐ (Describe  
destruction materials and pro-  
cedures in Item 12)

(4) PROPOSED USE

Domestic ☐Irrigation ☐Industrial ☐Test Well ☐Municipal ☐Other Monitoring ☒

(Describe)

## WELL LOCATION SKETCH

(5) EQUIPMENT:

Rotary ☐Reverac ☐Cable ☐Air ☐Other ☒Bucket ☐

Hollow-stem auger

(7) CASING INSTALLED:

Steel ☐Plastic ☒Concrete ☐

(6) GRAVEL PACK Sand

Yes ☒ No ☐Diameter of bore 8"Packed from 13 to 36

(8) PERFORATIONS

Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
0	36	2	Sch. 40	16MX	36	0.020"

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 1 ft.Were strata sealed against pollution? Yes ☒ No ☐ Interval 36-36 ft.Method of sealing Concrete/Bentonite 10-13'

(10) WATER LEVELS:

Depth of first water, if known 15.6 ft.Standing level after well completion 15.3 ft.

(11) WELL TESTS:

Was well test made? Yes ☐ No ☒ If yes, by whom? \_\_\_\_\_Type of test Pump ☐ Bailer ☐ Air lift ☐

Depth to water at start of test \_\_\_\_\_ ft. At end of test \_\_\_\_\_ ft.

Discharge \_\_\_\_\_ gal/min after \_\_\_\_\_ hours Water temperature \_\_\_\_\_

Chemical analysis made? Yes ☐ No ☒ If yes, by whom? \_\_\_\_\_Was electric log made? Yes ☐ No ☒ If yes, attach copy to this reportWork started 9/18 19 89 Completed 9/18 19 89

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the  
best of my knowledge and belief.

Signed \_\_\_\_\_ (Well Driller)

NAME Bayland Drilling

(Person, firm, or corporation) (Typed or printed)

Address 600 Crane Ave.City Foster City, CA ZIP 94404License No. C57-374152 Date of this report 10/26/89

# LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.03

BORING NO. MW-3

PROJECT NAME      **ARCO SS#2100, Milpitas**

PAGE 1 OF 2

BY J. BRADLEY DATE 9/18/89

SURFACE ELEV. 53.18 ft.

Recovery (ft/ft)	PID (ppm)	Penetration (blws/ft)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
							CLAY (CL); black (10YR, 2/1); trace fine-grained sand; stiff; moist; no product odor.	
				5				
							@7': brown (10YR, 5/2); 5-15% fine-grained sand; stiff; moist; no product odor.	
18/18		33		10			CLAYEY SAND (SC); pale brown (10YR, 6/3); 25% low plasticity fines; fine- to medium-grained; medium dense; damp; no product odor. CLAY (CL); brown (10YR, 5/3); trace fine-grained sand; 5% coarse-grained sand; common caliche-filled burrows; stiff; moist; no product odor.	
16/18		17		15				
				(9/26/89)				
16/18		29		20			CLAYEY GRAVEL (GC); brown (10YR, 5/3); 15% low plasticity fines; 25% fine- to coarse-grained sand; 60% fine- to coarse-gravel; angular; very dense; wet; no product odor.	



## REMARKS

Drilled with 8-inch-diameter hollow-stem auger drilling equipment; converted to verification g.w. monitoring well with 2-inch diameter PVC casing as presented in attached well details.

# LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.03

BORING NO. MW-3

PROJECT NAME ARCO SS#2100, Milpitas

PAGE 2 OF 2

BY J. BRADLEY DATE 9/18/89

SURFACE ELEV. 53.18 ft.

Recovery (ft/ft)	PID (ppm)	Penetra- tion (blws/ft)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
6/18		31		25			CLAY (CL); yellowish brown (10YR, 4/2); low to moderate plasticity; 10-15% fine-grained sand; abundant caliche-filled burrows; very stiff; moist; no product odor.	
18/18		32		30			CLAYEY SAND (SC); yellowish brown (10YR, 5/4); 15-20% low plasticity fines; fine- to medium-grained, coarsening downward; medium dense; wet; no product odor.	
3/18		25		35				
9/18		100					SANDY GRAVEL (GP); brown (10YR, 5/3); 5% low plasticity fines; 45% fine- to coarse-grained sand; 60% fine gravel, trace coarse gravel; very dense; wet; no product odor.	
							BORING TERMINATED AT 37 FEET.	
				40				

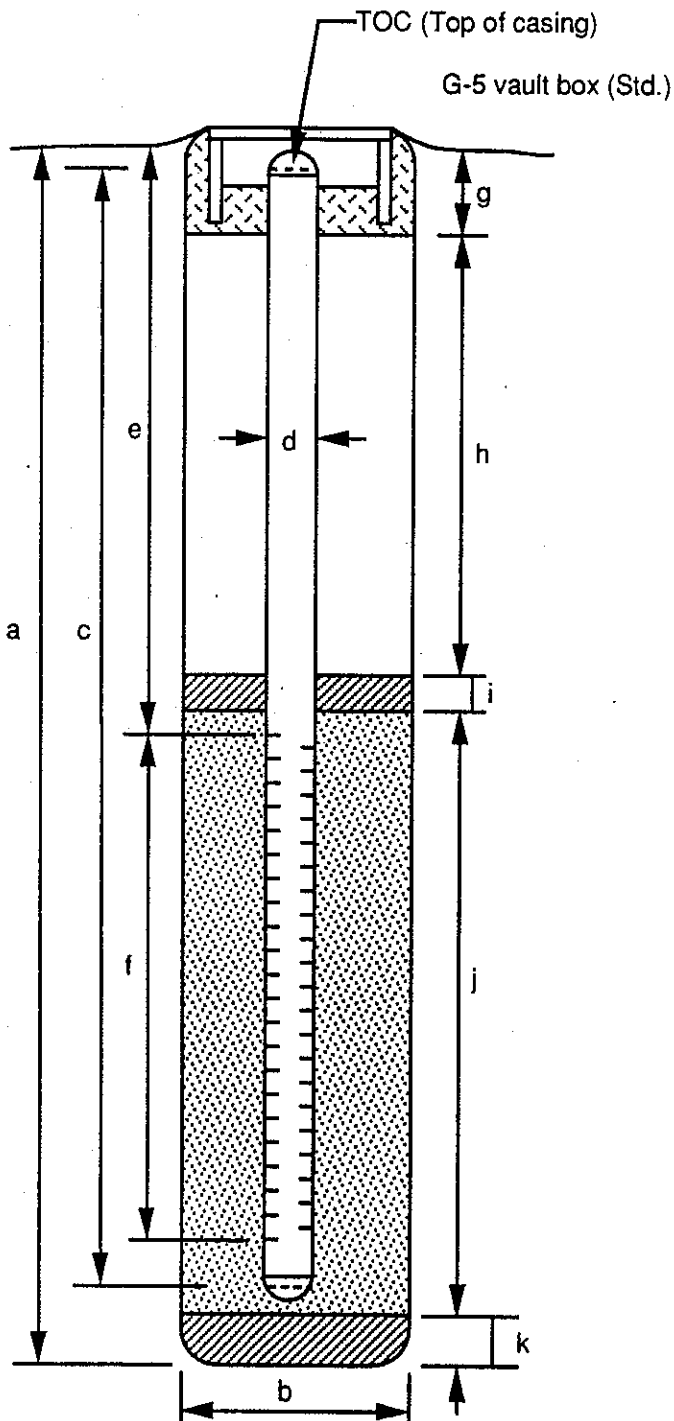


## REMARKS

Drilled with 8-inch-diameter hollow-stem auger drilling equipment; converted to verification g.w. monitoring well with 2-inch diameter PVC casing as presented in attached well details.

# WELL DETAILS

PROJECT NUMBER 805-73.03 BORING / WELL NO. MW-3  
 PROJECT NAME ARCO 2100 TOP OF CASING ELEV. 52.47'  
 LOCATION 98 S. PARK VICTORIA GROUND SURFACE ELEV. 53.18'  
 WELL PERMIT NO. 89W1759 DATUM MSL  
 INSTALLATION DATE 9/18/89



## EXPLORATORY BORING

a. Total depth 37 ft.  
 b. Diameter 8 in.  
 Drilling method HOLLOW-STEM AUGER

## WELL CONSTRUCTION

c. Total casing length 36 ft.  
 Material SCHEDULE 40 PVC  
 d. Diameter 2 in.  
 e. Depth to top perforations 16 ft.  
 f. Perforated length 20 ft.  
 Perforated interval from 16 to 36 ft.  
 Perforation type MACHINE SLOT  
 Perforation size 0.020 INCH  
 g. Surface seal 1 ft.  
 Material CONCRETE  
 h. Backfill 9 ft.  
 Material NEAT CEMENT  
 i. Seal 3 ft.  
 Material BENTONITE  
 j. Gravel pack 23 ft.  
 Gravel pack interval from 13 to 36 ft.  
 Material 12 X 20 MONTEREY SAND  
 k. Bottom seal/fill 1 ft.  
 Material COMPACTED CLAY AND GRAVEL

# 98 S. Park Victoria



APN: 08804061  
\*no Site Address\*  
CA

## Well Annotations- 1 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	06S01E05Q024	89W1761	MW-5	Other-Active	6159830	1983319

- Wells.shp
- Water Supply - Active
  - Water Supply - Standby
  - Water Supply - Inactive
  - Extraction (Env) - Active
  - Extraction (Env) - Inactive
  - Other - Active
  - Other - Inactive
  - Abandoned
  - Destroyed
  - Status Undetermined
- Parcels.shp
- Fuellack.shp
- VALFLOOR.SHIP
- Zone 1
  - Zone 2
  - Zone 3
  - Zone 4
  - Zone 5

Approximate Scale

150 0 150 300 Feet



# WELL DESTRUCTION APPLICATION

FC 198w (12-16-02)

Page 1 of 4

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00626

<b>Well Owner:</b> Atlantic Richfield Company	<b>Property Owner:</b> Mr. Bertram Berns	<b>Name of Business/Residence at Well Site:</b> ARCO Service Station #2100
<b>Well Owner's Mailing Address:</b> P.O. Box 6549	<b>Property Owner's Mailing Address:</b> 1245 South Winchester Blvd.	<b>Address of Well Site:</b> 98 South Park Victoria
<b>City, State, Zip:</b> Moraga, CA 94570	<b>City, State, Zip:</b> San Jose, CA 95128	<b>City, State, Zip:</b> Milpitas, CA
<b>Telephone No.:</b> 925-299-8891	<b>Telephone No.:</b> 408-249-1440	<b>Assessor's Parcel Number of Well Site:</b> Book: 088 Page: 04 Parcel: 078
<b>Consultant:</b> URS Corporation	<b>Drilling Company:</b> Gregg Drilling	
<b>Address:</b> 1333 Broadway, Suite 800	<b>Address:</b> 950 Howe Road	
<b>City, State, Zip:</b> Oakland, CA 94612	<b>City, State, Zip:</b> Martinez, CA 94553	
<b>Telephone No.:</b> 510-874-3026 / John McCain	<b>Telephone No.:</b> 925-313-5800	<b>C-57 License No.:</b> 485165
<input type="checkbox"/> Check if address or phone number has changed.		<input type="checkbox"/> Check if address or phone number has changed.

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

## Well Information

<b>Well Registration No.:</b> 06S01E05Q026	<b>Owner/Consultant Well No.:</b> MW-4	<b>Original Well Construction Permit No.:</b> 89W1760
<b>Well Casing Depth:</b> 29'	<b>Total Boring Depth:</b> 30.5'	<b>Well Casing Diameter:</b> 2"

## THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station 2100

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

☐ Well on SCVWD property/easement\* ☐ Well is within 50 feet of the top of a creek/river bank\* (\* See General Conditions, E.)

**Well Description:**

☒ Vertical Well ☐ Dewatering Well ☐ Elevator Shaft ☐ Multiple Casing ☐ Horizontal Wall ☐ Pit Well

**Well Type:** check all that apply

☐ Water Producing (supply or extraction) ☐ Contamination Cleanup ☐ Agricultural ☐ Domestic ☐ Municipal & Industrial ☐ Vapor Extraction

☒ Monitoring ☐ Inclinator ☐ Groundwater ☐ Vadose ☐ Piezometer ☐ Interface ☐ Suction Lysimeter ☐ Seismic

☐ Injection/Infiltration ☐ Contamination Cleanup ☐ Reclaimed Water ☐ Air Sparging

☐ Cathodic Protection

## Additional Questions For Water Producing Wells

Does the well have:

- Outer conductor casing? ☐ Yes ☐ No
- Annular cement seal outside of casing at surface? ☐ Yes ☐ No
- A S.C.V.W.D. water meter attached? ☐ Yes ☐ No

**Type of Original Drilling Method:**

☐ Rotary ☐ Cable-Tool ☐ Hand Dug Pit Well ☐ Hollow Stem Auger ☐ Other: \_\_\_\_\_

## IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.  
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.  
Please allow 10 working days to process permit application.

SEP 7 2005

S.C.V.W.D.



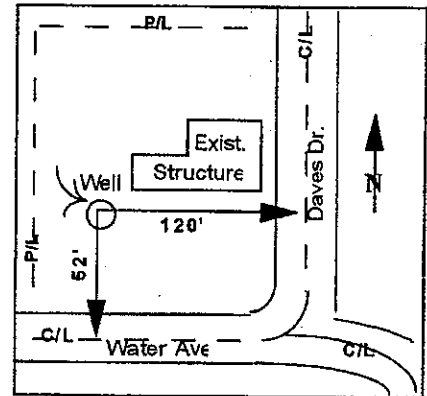
## Site Plan

### WELL LOCATION

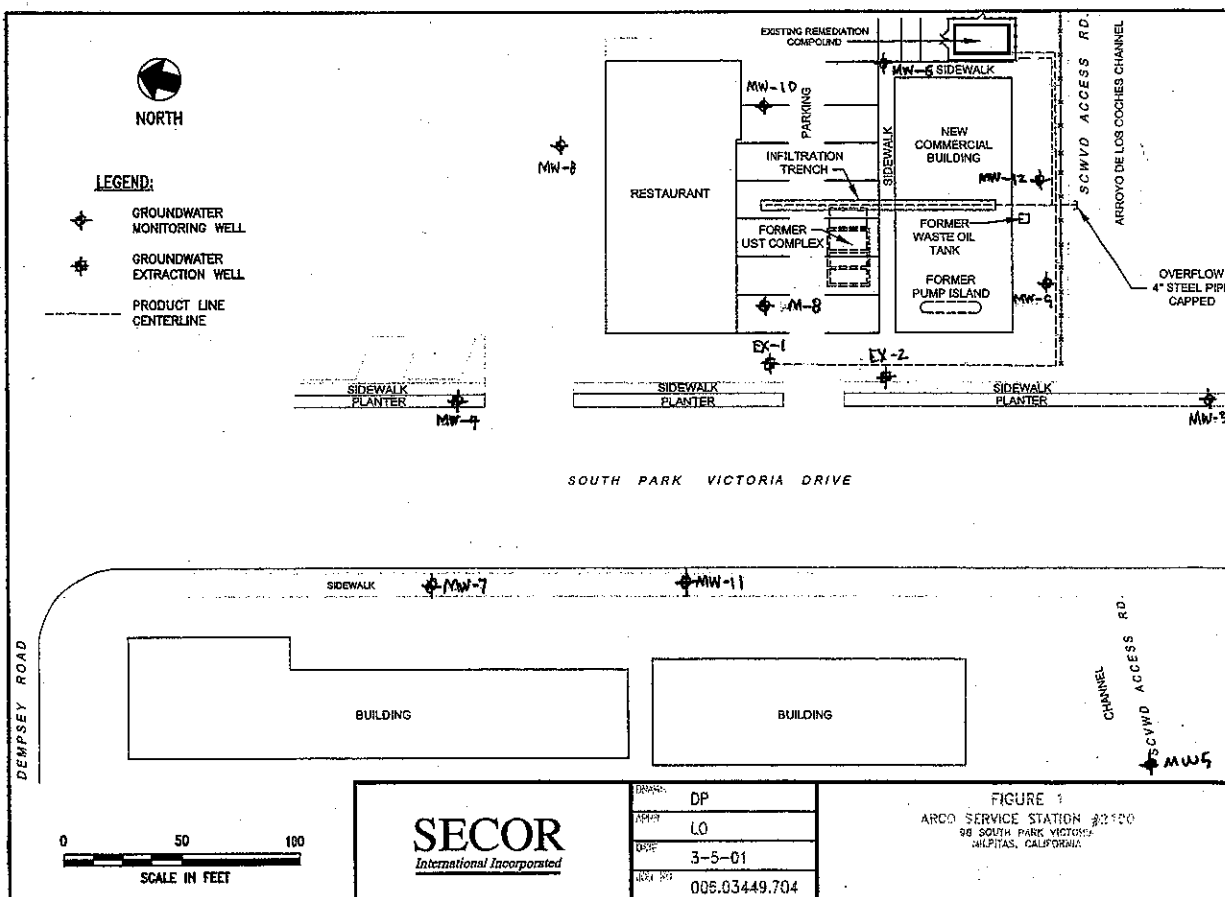
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described above:



Please allow 10 working days to process this application.



Please describe, in detail, the proposed destruction method\*:

Well destruction via pressure grout according to SCVWD guidelines.

\* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

**NOTE:** All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: 	Print Name: Jacob Henry/ URS for Atlantic Richfield Co A-H	Date: 9/19/05
Signature of Driller/Agent: 	Print Name: Jacob Henry/ URS for Gregg Drilling A-H	Date: 9/19/05
Signature of Consultant (if any): 	Print Name: Jacob Henry/ URS A-H	Date: 9/19/05

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

OR **NOTE:** Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 30 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of \_\_\_\_\_ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). **NOTE:** Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: \_\_\_\_\_

☐ Other: \_\_\_\_\_

Permit Approved By: 			Date: 9-14-05
District Permit No.: 05D00626	Date Issued: 9-21-05	Expiration Date: 3-21-06	Driller's Log No.: 030194

Please allow 10 working days to process this application.



## GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District



# WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

From: WELL SECTION	Date:	Permit No.: 89W1760
Inspector: L. BEJAR	Date of Inspection: 9-20-89	Well Registration No.: (MW-4) 0651E05Q17A
Well Owner: ARCO		
Address of Well Site: S. PARK VICTORIA		City or County: MILPITAS
Drilling Company: BAYLAND DRILLING	Consultant: EMCON ASSOC.	

PURPOSE OF WELL:

- |   |  |
|---|--|
| <input type="checkbox"/> Domestic             | <input checked="" type="checkbox"/> *Monitoring Well Use |
| <input type="checkbox"/> Agricultural         | <input type="checkbox"/> *Vadose                         |
| <input type="checkbox"/> Municipal/Industrial | <input checked="" type="checkbox"/> *Groundwater         |
| <input type="checkbox"/> Cathodic Protection  | <input type="checkbox"/> *Other                          |

- Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
- Depth of Surface Annular Seal = 10'

Comments: HOLLOW STEM AUGER  
BENTONITE 10'-7'

TD-305'

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittee Goldenrod - City/County

①

Santa Clara Valley Water District  
5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

EMCON #805-73.03

# WELL CONSTRUCTION APPLICATION

FC 158 (07/26/89) (DP 4-901)

## TO BE COMPLETED BY DISTRICT

District Permit No.: <b>89W1760</b>	Date Issued: <b>9/14/89</b>	Well Registration No.: <b>1051E05017A</b>
Logic Setting: <b>3</b>	Expiration Date: <b>12/14/89</b>	Driller's Log No.: <b>332228</b>

## TO BE COMPLETED BY OWNER AND DRILLER

Property Owner: <b>City of Milpitas</b>	Well Owner (if different): <b>same</b>	Drilling Co.: <b>Bayland Drilling</b>
Address: <b>455 E. Calaveras Blvd.</b>	Address of Well Site: <b>98 South Park Victoria</b>	Driller's Contractors License Number (C-57 Req'd) <b>C57-374152</b>
City, State, Zip: <b>Milpitas, CA 95035</b>	City, State, Zip: <b>Milpitas, CA</b>	Address: <b>600 Crane Ave.</b>
Telephone No.: <b>(408) 942-2360</b>	Telephone No.:	City, State, Zip: <b>Foster City, CA 94404</b>
Assessor's Parcel No. of Well site: Book <b>88</b> Page <b>4</b> Parcel <b>500</b>	Owner's/Consultant's Well No.: <b>MW-4</b>	Telephone No.:

Estimated depth of completed well: ☒ Less than 50 ft. ☐ 50 to 300 ft. ☐ Over 300 ft.  
Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ \*Monitoring ☐ Cathodic Protection  
\*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive air samples for analysis. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site specific groundwater monitoring of existing underground hazardous materials storage tanks.

## THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies  
☐ Other (specify): ☐ Extraction/Recovery

NAME OF BUSINESS AT WELL SITE:

Proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No

If yes, give name of City or County:

Consultant's Name (Company):

**EMCON Associates**

Address:

**1921 Ringwood Ave.**

City, State, Zip:

**San Jose, CA 95131**

Telephone No.:

**(408) 453-7300**

Type of monitoring device: ☒ Groundwater ☐ Vadose

Monitoring well use: ☒ Depth ☒ Quality ☐ Chloride

Vadose device installation: ☐ Vapor ☐ Interface ☐ Suction Lysimeter

Signature of Responsible Professional  
(No substitution of signature will be accepted)

**CEC 1169**

Registration No. Civil  
Engineer

OR

Certificate No. Engineering  
Geologist

## TOPOGRAPHIC FEATURES

Well is to be constructed: ☐ In a public sidewalk ☒ In a public road ☐ On public property ☐ On private property ☐ On SCVWD property  
Within 50 ft. of the top of a creek bank ☒ Yes ☐ No Within 50 ft. of any existing well ☒ Yes ☐ No  
Within 50 ft. of a sanitary sewer ☐ Yes ☒ No Within 150 ft. of a cesspool or seepage pit ☐ Yes ☒ No  
Within 100 ft. of a pit privy, septic tank, leachfield ☐ Yes ☒ No Other wells exist on this property ☒ Yes ☒ No  
Status: ☒ Active ☐ Inactive ☐ Abandoned

## CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 85-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well-owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

**EMCON Associates for ARCO**

Signature of Well Owner/Agent

**8/29/89**

Date

**EMCON Associates for Bayland Drilling**

**8/29/89**

Date

Signature of Driller/Agent

## MONITORING WELL PLAN APPROVAL

City/County:

Approved by:

Date:

**IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 265-2600, Ext. 380. For weekends, holidays, after hours call (408) 395-8121 or (408) 265-2605.**

EMCON 805-73.03

ORIGINAL  
File with DWR

NOV 13 1989

STATE OF CALIFORNIA  
THE RESOURCES AGENCYDEPARTMENT OF WATER RESOURCES  
WATER WELL DRILLERS REPORT

Do not fill in

No. 332228

Notice of Intent No.

Local Permit No. or Date

87W1760

State Well No. 06SIE05Q17A  
Other Well No.

(1) OWNER: Name XXXXXXXXXXXXXXXXXXXX City of Milpitas WELL LOG: Total depth 30.5 ft. Completed depth 29.5 ft.  
Address 455 88XXE. Calaveras Blvd.  
City Milpitas, CA ZIP 95035  
from ft. to ft. Formation (Describe by color, character, size or material)  
0 - CLAY, light olive brown; fine to  
- coarse sand; stiff; moist;  
(2) LOCATION OF WELL (See instructions)  
County Santa Clara Owner's Well Number MW-14 15.5 - SANDY CLAY, brown; low plasticity fines;  
Well address if different from above 98 S. Park Victoria - stiff to very stiff; moist.  
Township 88 Range 4 Section 500 19.0 - CLAY, brown; dark brown; xx graine  
Distance from cities, roads, railroads, fences, etc. - size sand; stiff to very stiff; moist.  
26.0 - CLAYEY SAND, light olive brown; low  
- plasticity fines; fine grained;  
- dense; wet.

SEE XXXXXEN ATTACHED  
MAP

## (3) TYPE OF WORK:

New Well ☒ Deepening ☐  
Reconstruction ☐  
Reconditioning ☐  
Horizontal Well ☐  
Destruction ☐ (Describe  
destruction materials and pro-  
cedures in Item 12)

## (4) PROPOSED USE

Domestic ☐  
Irrigation ☐  
Industrial ☐  
Test Well ☐  
Municipal ☐  
Other Monitoring ☒  
(Describe)

28.0 - SANDY CLAY, xx brown fine sand; fine  
- gravel; medium dense; wet.  
29.5 - CLAY, yellowish brown; fine to coarse  
sand; trace iron oxide stain.

## WELL LOCATION SKETCH

## (5) EQUIPMENT

Rotary ☐ Reverse ☐  
Cable ☐ Air ☐  
Other ☒ Bucket ☐  
Hollow-stem auger

## (6) GRAVEL PACK Sand

Yes ☒ No ☐ Size 12x20  
Diameter of bore 8  
Packed from 10 to 29 ft.

## (7) CASING INSTALLED:

Steel ☐ Plastic ☒ Concrete ☐

## (8) PERFORATIONS

Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
0	29	2	Sch. 40	13	29	0.020"

## (9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 1 ft.Were strata sealed against pollution? Yes ☒ No ☐ Interval 18x28 ft.Method of sealing EMX Concrete/Bentonite 7-10 ft.

## (10) WATER LEVELS:

Depth of first water, if known 24 ft.Standing level after well completion 18 ft.

## (11) WELL TESTS:

Was well test made? Yes ☐ No ☒ If yes, by whom?Type of test Pump ☐ Bailor ☐ Air lift ☐Depth to water at start of test    ft. At end of test    ft.Discharge    gal/min after    hours Water temperature   Chemical analysis made? Yes ☐ No ☒ If yes, by whom?Was electric log made Yes ☐ No ☒ If yes, attach copy to this reportWork started 9/20 1989 Completed 9/20 1989

## WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Signed [Signature] (Well Driller)NAME Bayland Drilling

(Person, firm, or corporation) (Typed or printed)

Address 600 Crane AveCity Foster City, CA ZIP 94404License No. C57-374152 Date of this report 10/26/89

# LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.03

BORING NO. MW-4

PROJECT NAME ARCO SS#2100, Milpitas

PAGE 1 OF 2

BY J. BRADLEY DATE 9/20/89

SURFACE ELEV. 54.76 ft.

Recovery (ft/ft)	PID (ppm)	Penetra- tion (blws/ft)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
				5			CLAY (CL); light olive brown (2.5Y, 5/4); 10-15% fine- to coarse-grained sand; stiff; moist; no product odor.	
				10			@5': very dark gray (10YR, 3/1); moderate plasticity; <5% fine-grained sand; very stiff; damp; no product odor.	
		20		15			@10': brown (10YR, 5/3); 15% medium-grained sand; occasional caliche-filled burrows; very stiff; damp; no product odor.	
		18		15			@14': 3-inch lens of clayey fine-grained sand; 20-30% low plasticity fines; moist; no product odor.	
				20			SANDY CLAY (CL); brown (10YR, 5/3); 75% low plasticity fines; 25% fine-grained sand; abundant caliche-filled burrows; stiff to very stiff; moist; no product odor.	
		28		20				

## REMARKS

Drilled with 8-inch-diameter hollow-stem auger drilling equipment; converted to verification g.w. monitoring well with 2-inch-diameter PVC casing as presented in the attached well details.



# LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.03

BORING NO. MW-4

PROJECT NAME ARCO SS#2100, Milpitas

PAGE 2 OF 2

BY J. BRADLEY DATE 9/20/89

SURFACE ELEV. 54.76 ft.

Recovery (ft/ft)	PID (ppm)	Penetra- tion (blws/ft)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
				33			CLAY (CL); dark brown (10YR, 4/3) low plasticity fines; 30% fine- to medium-grained sand; abundant caliche-filled burrows; some MnO stain; stiff to very stiff; moist; no product odor.	
				33			@ 24': yellowish brown (10 YR, 5/4); moderate to high plasticity fines; 10-15% fine- to medium-grained sand; occasional caliche-filled burrows; stiff to very stiff; wet; no product odor.	
				25			CLAYEY SAND (SC); light olive brown; (2.5Y, 5/4); 30-40% low plasticity fines; fine-grained; dense; wet; no product odor.	
				25			SANDY CLAY (CL); brown (10.5YR, 4/3) 15-25% fine-grained sand; 10% fine gravel; occasional caliche-filled burrows; MnO staining; medium dense; wet; no product odor.	
				30			CLAY (CL); yellowish brown (10YR, 5/4); moderate plasticity fines; 20-25% fine- to coarse-grained sand; occasional caliche-filled burrows; trace iron oxide stain.	
				30			CLAYEY SAND (SC); 40% low plasticity fines; fine-grained, trace medium-grained; medium dense; wet; no product odor.	
				30			BORING TERMINATED AT 30.5 FEET.	
				35				
				40				

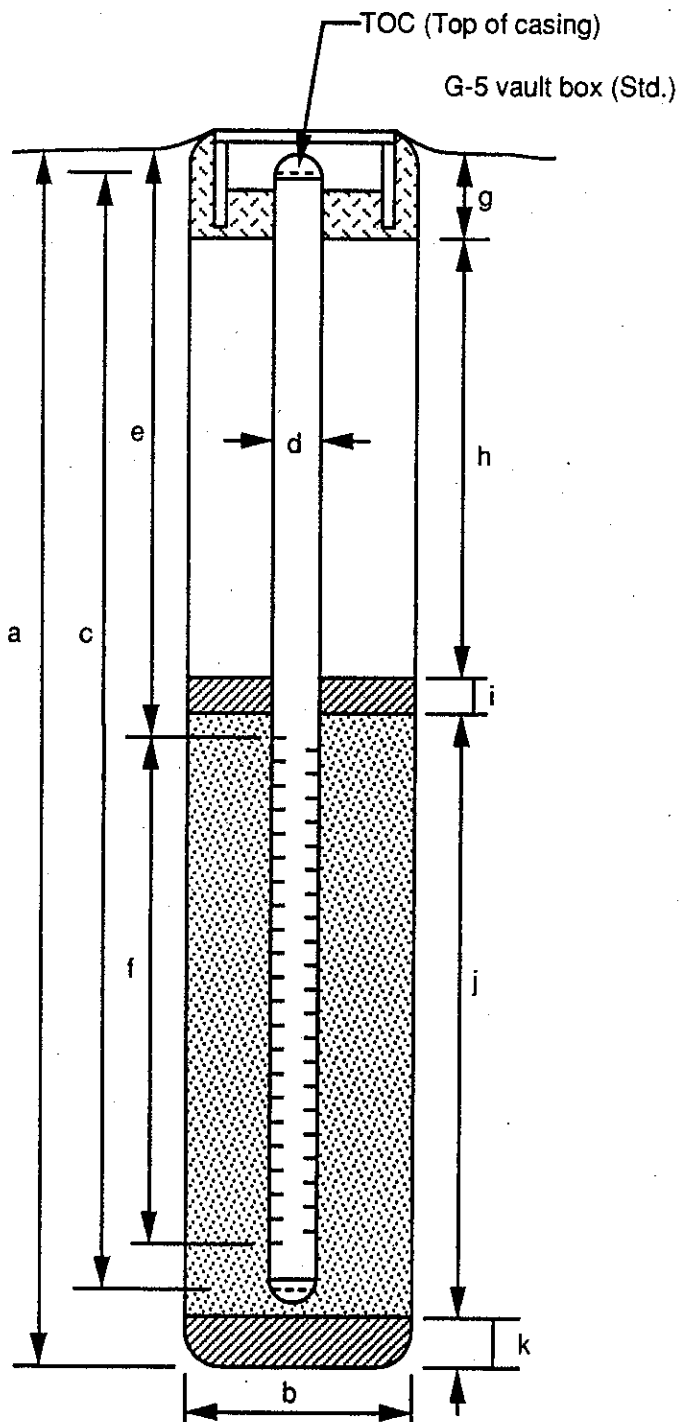
## REMARKS

Drilled with 8-inch-diameter hollow-stem auger drilling equipment; converted to verification g.w. monitoring well with 2-inch-diameter PVC casing as presented in the attached well details.



# WELL DETAILS

PROJECT NUMBER 805-73.03 BORING / WELL NO. MW-4  
 PROJECT NAME ARCO 2100 TOP OF CASING ELEV. 53.92'  
 LOCATION 98 S. PARK VICTORIA GROUND SURFACE ELEV. 54.76'  
 WELL PERMIT NO. 89W1760 DATUM MSL  
 INSTALLATION DATE 9/20/89



## EXPLORATORY BORING

a. Total depth 30.5 ft.  
 b. Diameter 8 in.  
 Drilling method HOLLOW-STEM AUGER

## WELL CONSTRUCTION

c. Total casing length 29 ft.  
 Material SCHEDULE 40 PVC  
 d. Diameter 2 in.  
 e. Depth to top perforations 13 ft.  
 f. Perforated length 16 ft.  
 Perforated interval from 13 to 29 ft.  
 Perforation type MACHINE SLOT  
 Perforation size 0.020 INCH  
 g. Surface seal 1 ft.  
 Material CONCRETE  
 h. Backfill 6 ft.  
 Material NEAT CEMENT  
 i. Seal 3 ft.  
 Material BENTONITE  
 j. Gravel pack 19 ft.  
 Gravel pack interval from 10 to 29 ft.  
 Material 12 X 20 MONTEREY SAND  
 k. Bottom seal/fill 1.5 ft.  
 Material COMPACTED CLAY

# 98 S. Park Victoria



APN: 08804061  
\*no Site Address\*  
CA

Well Annotations- 1 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	06S01E05Q024	89W1761	MW-5	Other-Active	6159830	1983319

- Wells.shp
- ⊕ Water Supply - Active
  - ⊞ Water Supply - Standby
  - Water Supply - Inactive
  - ⊕ Extraction (Env) - Active
  - Extraction (Env) - Inactive
  - ⊕ Other - Active
  - Other - Inactive
  - \* Abandoned
  - ⊕ Destroyed
  - ▲ Status Undetermined
- Parcels.shp
- ▲ Fuelleak.shp
- VALFLOOR.SHP
- Zone 1
  - Zone 2
  - Zone 3
  - Zone 4
  - Zone 5

Approximate Scale

150 0 150 300 Feet

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00628

<b>Well Owner:</b> Atlantic Richfield Company	<b>Property Owner:</b> Mr. Bertram Berns	<b>Name of Business/Residence at Well Site:</b> ARCO Service Station #2100	
<b>Well Owner's Mailing Address:</b> P.O. Box 6549	<b>Property Owner's Mailing Address:</b> 1245 South Winchester Blvd.	<b>Address of Well Site:</b> 98 South Park Victoria	
<b>City, State, Zip:</b> Moraga, CA 94570	<b>City, State, Zip:</b> San Jose, CA 95128	<b>City, State, Zip:</b> Milpitas, CA	
<b>Telephone No.:</b> 925-299-8891	<b>Telephone No.:</b> 408-249-1440	<b>Assessor's Parcel Number of Well Site:</b> Book: 088 Page: 04 Parcel: 078	
<b>Consultant:</b> URS Corporation		<b>Drilling Company:</b> Gregg Drilling	
<b>Address:</b> 1333 Broadway, Suite 800		<b>Address:</b> 950 Howe Road	
<b>City, State, Zip:</b> Oakland, CA 94612		<b>City, State, Zip:</b> Martinez, CA 94553	
<b>Telephone No.:</b> 510-874-3026 / John McCain		<b>Telephone No.:</b> 925-313-5800	<b>C-57 License No.:</b> 485165
<input type="checkbox"/> Check if address or phone number has changed.		<input type="checkbox"/> Check if address or phone number has changed.	

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

## Well Information

<b>Well Registration No.:</b> 06801E05Q024	<b>Owner/Consultant Well No.:</b> MW-5	<b>Original Well Construction Permit No.:</b> 89W1761
<b>Well Casing Depth:</b> 26.5'	<b>Total Boring Depth:</b> 30.5'	<b>Well Casing Diameter:</b> 2"

## THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station 2100

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

<input checked="" type="checkbox"/> Well on SCVWD property/easement*	<input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank*	(* See General Conditions, E.)
<b>Well Description:</b>		
<input checked="" type="checkbox"/> Vertical Well	<input type="checkbox"/> Dewatering Well	<input type="checkbox"/> Elevator Shaft
<input type="checkbox"/> Multiple Casing	<input type="checkbox"/> Horizontal Wall	<input type="checkbox"/> Pit Well
<b>Well Type: check all that apply</b>		
<input type="checkbox"/> Water Producing (supply or extraction)	<input type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Agricultural
<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal & Industrial	<input type="checkbox"/> Vapor Extraction
<input checked="" type="checkbox"/> Monitoring	<input type="checkbox"/> Inclinator	<input type="checkbox"/> Groundwater
<input type="checkbox"/> Vadose	<input type="checkbox"/> Piezometer	<input type="checkbox"/> Interface
<input type="checkbox"/> Suction Lysimeter	<input type="checkbox"/> Seismic	
<input type="checkbox"/> Injection/Infiltration	<input type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Reclaimed Water
<input type="checkbox"/> Air Sparging		
<input type="checkbox"/> Cathodic Protection		

## Additional Questions For Water Producing Wells

<b>Does the well have:</b>	1. Outer conductor casing?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	2. Annular cement seal outside of casing at surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	3. A S.C.V.W.D. water meter attached?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<b>Type of Original Drilling Method:</b>			
<input type="checkbox"/> Rotary	<input type="checkbox"/> Cable-Tool	<input type="checkbox"/> Hand Dug Pit Well	<input type="checkbox"/> Hollow Stem Auger
<input type="checkbox"/> Other:			

## IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.  
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.  
Please allow 10 working days to process permit application.

SEP 7 2005

S.C.V.W.D.  
WELLS

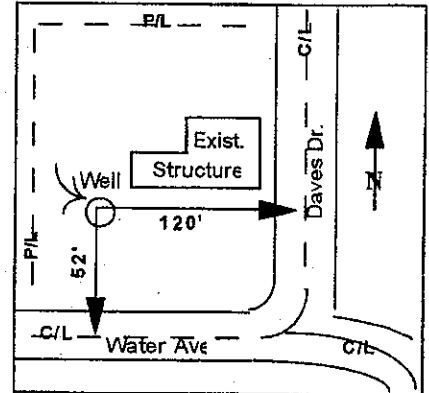
Site Plan

WELL LOCATION

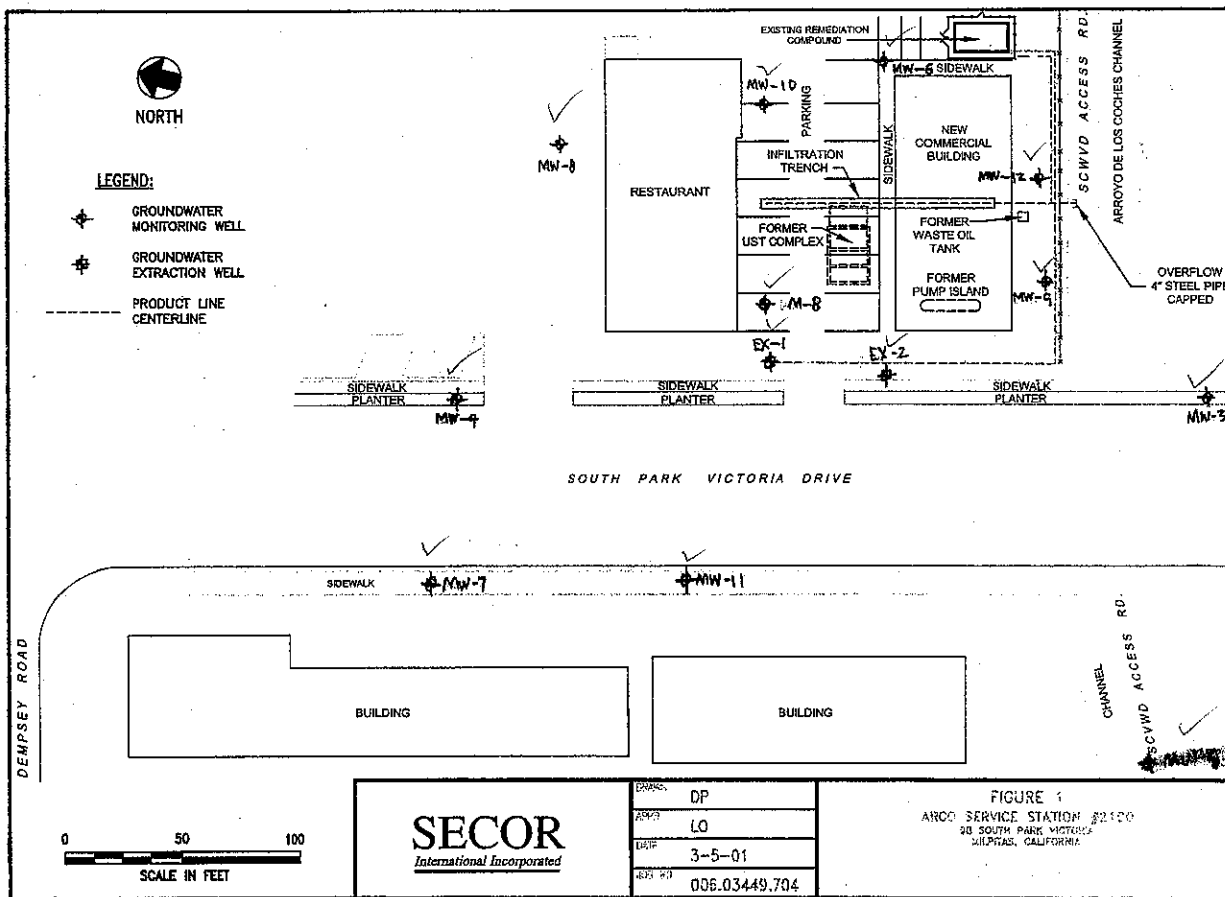
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described above:



Please allow 10 working days to process this application.



Please describe, in detail, the proposed destruction method\*: \_\_\_\_\_

Well destruction via pressure grout according to SCVWD guidelines.

\* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

**NOTE:** All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: 	Print Name: Jacob Henry/ URS for Atlantic Richfield Co A.F	Date: 9/19/05
Signature of Driller/Agent: 	Print Name: Jacob Henry/ URS for Gregg Drilling A.F	Date: 9/19/05
Signature of Consultant (if any): 	Print Name: Jacob Henry/ URS A.F	Date: 9/19/05

### DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

**NOTE:** Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 30 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of \_\_\_\_\_ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). **NOTE:** Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: \_\_\_\_\_

☐ Other: \_\_\_\_\_

Permit Approved By: 		Date: 9-14-05	
District Permit No.: 05D00628	Date Issued: 9-21-05	Expiration Date: 3-21-06	Driller's Log No.: 030197

Please allow 10 working days to process this application.

**GENERAL CONDITIONS**

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District



# WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

From: WELL SECTION	Date: 9/25/89	Permit No.: 89W1761
Inspector: Anne Thiemann	Date of Inspection: 9/19/89	Well Registration No.: MW-5 06SIE05Q1SA
Well Owner: S.C.V.W.D.		
Address of Well Site: South Park Victoria Drive	City or County: Milpitas	
Drilling Company: Bayland Drilling	Consultant: Emcor Associates	

## PURPOSE OF WELL:

- ☐ Domestic
- ☐ Agricultural
- ☐ Municipal/Industrial
- ☐ Cathodic Protection

## Monitoring Well Use

- ☐ \*Vadose
- ☒ \*Groundwater
- ☐ \*Other

1. Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
2. Depth of Surface Annular Seal - 11'

Comments: Hollow Stem Auger

Total Depth: 26.5' Screen 26.5-14' Bentonite 3' Cement 8'

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittes Goldenrod - City/County

①

Santa Clara Valley Water District (U)  
5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

EMCON #805-73.03

WELL CONSTRUCTION APPLICATION

FC 158 (07-26-89) (DP 4-901)

TO BE COMPLETED BY DISTRICT

District Permit No.: 89W1761	Date Issued: 9/14/89	Well Registration No.: 06SIE05Q15A
Drilling Setting: 3	Expiration Date: 12/14/89	Driller's Log No.: 332229

TO BE COMPLETED BY OWNER AND DRILLER

Property Owner: City of Milpitas S.C.V.W.D.	Well Owner (if different): same	Drilling Co.: Bayland Drilling
Address: 455 E. Calaveras Blvd.	Address of Well Site: North of 98 S. Park Victoria	Driller's Contractors License Number (C-57 Req'd): C57-374152
City, State, Zip: Milpitas, CA 95035	City, State, Zip: Milpitas, CA	Address: 600 Crane Ave.
Telephone No.: (408) 942-2360	Telephone No.:	City, State, Zip: Foster City, CA 94404
Assessor's Parcel No. of Well site: Book 88 Page 4 Parcel 61	Owner's/Consultant's Well No.: MW-5	Telephone No.:

Estimated depth of completed well: ☒ Less than 50 ft. ☐ 50 to 300 ft. ☐ Over 300 ft.  
Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ Monitoring ☐ Cathodic Protection  
\*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive air samples for analysis. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies  
☐ Other (specify): ☐ Extraction/Recovery

NAME OF BUSINESS AT WELL SITE:

Proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No

If yes, give name of City or County:

Consultant's Name (Company):

EMCON Associates

Address:

1921 Ringwood Ave.

City, State, Zip:

San Jose, CA 95131

Telephone No.:

(408) 453-7300

Type of monitoring device: ☒ Groundwater ☐ Vadose

Monitoring well use: ☒ Depth ☒ Quality ☐ Chloride

Vadose device installation: ☐ Vapor ☐ Interfac ☐ Suction Lysimeter

Signature of Responsible Professional  
(No substitution of signature will be accepted)

CEC 1169

Registration No. Civil Engineer

OR

Certificate No. Engineering Geologist

TOPOGRAPHIC FEATURES

Well is to be constructed: ☐ In a public sidewalk ☒ In a public road ☒ On public property ☐ On private property ☐ On SCVWD property  
Within 50 ft. of the top of a creek bank: ☐ Yes ☒ No Within 50 ft. of any existing well: ☒ Yes ☐ No  
Within 50 ft. of a sanitary sewer: ☐ Yes ☒ No Within 150 ft. of a cesspool or seepage pit: ☐ Yes ☒ No  
Within 100 ft. of a pit privy, septic tank, leachfield: ☐ Yes ☒ No Other wells exist on this property: ☐ Yes ☒ No  
Status: ☐ Active ☐ Inactive ☐ Abandoned

CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 85-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

EMCON Associates for ARCO

Signature of Well Owner/Agent

8/29/89

Date

EMCON Associates for Bayland Drilling

Signature of Driller/Agent

8/29/89

Date

MONITORING WELL PLAN APPROVAL

City/County:

Approved by:

Date:

IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 265-2600, Ext. 380. For weekends, holidays, after hours call (408) 395-8121 or (408) 265-2605.

ORIGINAL  
File with DWR

NOV 13 1989

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
WATER WELL DRILLERS REPORT

Do not fill in

No. 332229

Notice of Intent No. \_\_\_\_\_

Local Permit No. or Date 89WTF61State Well No. 06S1E05Q15A

Other Well No. \_\_\_\_\_

(1) OWNER Name City of Milpitas  
Address 455 E. Calaveras Blvd.  
City Milpitas, CA ZIP 95035(2) LOCATION OF WELL (See instructions)  
County Santa Clara Owner's Well Number MW-5  
Well address if different from above N. of 98 S.P. Victoria  
Township 88 Range 4 Section 500  
Distance from cities, roads, railroads, fences, etc. \_\_\_\_\_

SEE ATTACHED MAP

(3) TYPE OF WORK  
New Well ☒ Deepening ☐  
Reconstruction ☐  
Reconditioning ☐  
Horizontal Well ☐  
Destruction ☐ (Describe destruction materials and procedures in Item 12)

## (4) PROPOSED USE

Domestic ☐  
Irrigation ☐  
Industrial ☐  
Test Well ☐  
Municipal ☐  
Other Monitoring ☒ (Describe)

## WELL LOCATION SKETCH

## (5) EQUIPMENT

Rotary ☐ Reverse ☐  
Cable ☐ Air ☐  
Other ☒ Bucket ☐  
Hollow-stem auger

## (7) CASING INSTALLED

Steel ☐ Plastic ☒ Concrete ☐From ft. To ft. Dia. in. Gage or Wall  
0 12.5 2 Sch. 40

## (6) GRAVEL PACK Sand

Yes ☒ No ☐ Size 12x20  
Diameter of bore 8"  
Packed from 11 to 26.5

## (8) PERFORATIONS

Type of perforation or size of screen

## (9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 1 ft.Were strata sealed against pollution? Yes ☒ No ☐ Interval 11x26x8x ft.Method of sealing Concrete/Bentonite 8-11

## (10) WATER LEVELS:

Depth of first water, if known 17 ft.Standing level after well completion 15.04 ft.

## (11) WELL TESTS:

Was well test made? Yes ☐ No ☒ If yes, by whom? \_\_\_\_\_Type of test \_\_\_\_\_ Pump ☐ Bailor ☐ Air lift ☐

Depth to water at start of test \_\_\_\_\_ ft. At end of test \_\_\_\_\_ ft.

Discharge \_\_\_\_\_ gal/min at \_\_\_\_\_ hours Water temperature \_\_\_\_\_

Chemical analysis made? Yes ☐ No ☒ If yes, by whom? \_\_\_\_\_Was electric log made? Yes ☐ No ☒ If yes, attach copy to this report(12) WELL LOG: Total depth 30x5 ft. Completed depth 30x5 ft.

from ft. to ft. Formation (Describe by color, character, size or material)

0 SANDY GRAVEL FILL, dark grayish brown;trace low plasticity fines; fine tocoarse sand; fine to coarse gravel;very dense; moist.7.0 CLAY TO EX SANDY CLAY, very dark gray;fine to coarse sand; very stiff;damp to moist.19.0 SAND, light olive brown; trace to none-plastic fines; fine to coarse sand;fine gravel; medium dense; wet.24.0 CLAY, light brown; low to moderateplasticity fines; fine to medium sand,trace coarse sand; ~~very~~ very stiff;moist.

# LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.03

BORING NO. MW-5

PROJECT NAME ARCO SS#2100, Milpitas

PAGE 1 OF 2

BY J. BRADLEY DATE 9/19/89

SURFACE ELEV. 51.93 ft.

Recovery (ft/ft)	PID (ppm)	Penetra- tion (blws/ft)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
				5			<b>SANDY GRAVEL (GW) - FILL</b> ; dark grayish brown (2.5Y, 4/2); trace low plasticity fines; 20% fine- to coarse-grained sand; 75% fine- to coarse-gravel; very dense; moist; no product odor.	
		24		10			<b>CLAY TO SANDY CLAY (CL)</b> ; very dark gray (5YR, 3/1); 5-40% fine- to coarse-grained; very stiff; damp to moist; no product odor.  @9': brown (10YR, 4/3); 5-10% fine- to medium-grained; low plasticity fines; very stiff; damp; no product odor.	
		22		15			@14': light yellowish brown (10YR, 6/4); 10-15% fine- to coarse-grained sand; 5% fine gravel; moist to very moist; no product odor.	
		25		20				

## REMARKS

Drilled with 8-inch-diameter hollow-stem auger drilling equipment; converted to verification g.w. monitoring well with 2-inch-diameter PVC casing as presented in the attached well details.



# LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.03

BORING NO. MW-5

PROJECT NAME ARCO SS#2100, Milpitas

PAGE 2 OF 2

BY J. BRADLEY DATE 9/19/89

SURFACE ELEV. 51.93 ft.

Recovery (ft/ft)	PID (ppm)	Penetra- tion (blws/ft)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
				37			<b>SAND (SP);</b> light olive brown (2.5Y, 5/4); trace to 5% non-plastic fines; fine- to coarse-grained (gaps in grading), trace fine gravel; medium dense; wet; no product odor.	
				25			<b>CLAY (CL);</b> light brown (7.5YR, 6/4); low to moderate plasticity fines; 10-15% fine- to medium-grained sand, trace coarse sand; trace disseminated caliche; very stiff; moist.	
				24			@29-30': 25-35% fine- to coarse-grained sand; firm to stiff; very moist to wet.	
				30			@30-30.5': trace sand; stiff to very stiff; moist; no product odor.	
							<b>BORING TERMINATED AT 30.5 FEET.</b>	
				35				
				40				

## REMARKS

Drilled with 8-inch-diameter hollow-stem auger drilling equipment; converted to verification g.w. monitoring well with 2-inch-diameter PVC casing as presented in the attached well details.

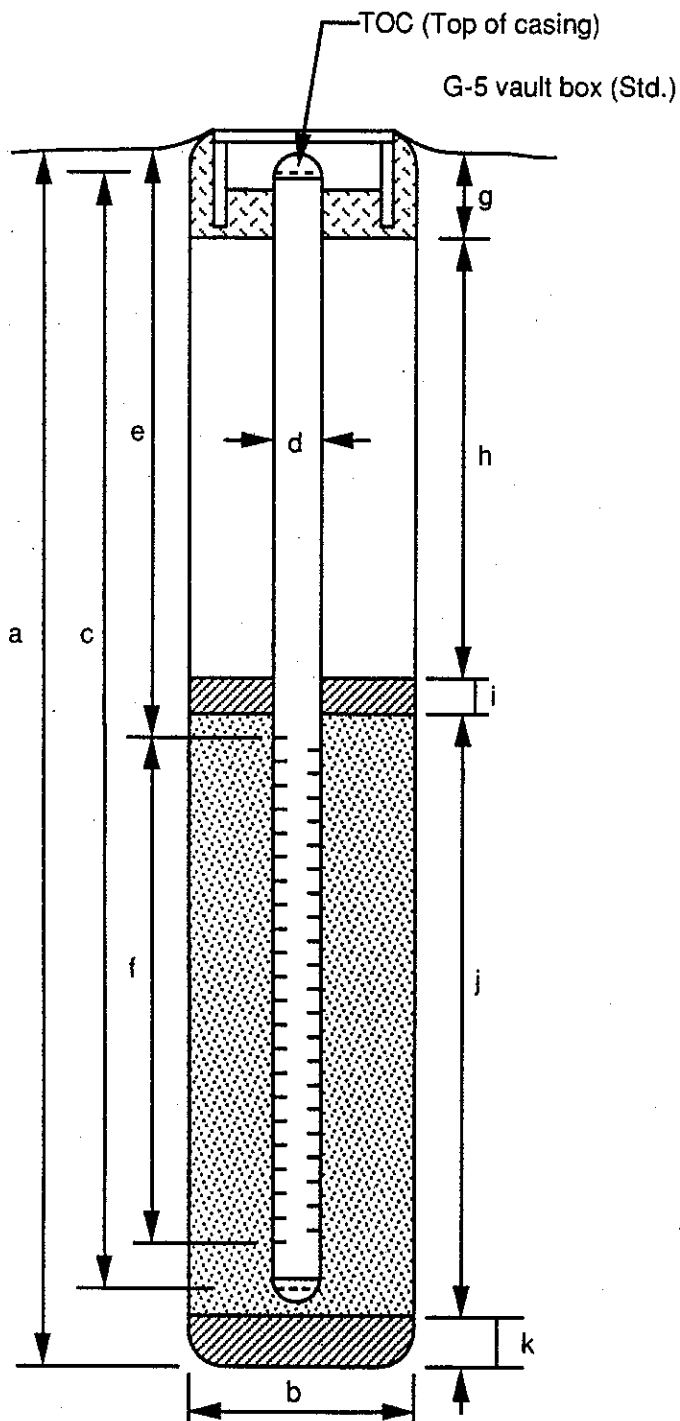


# WELL DETAILS

PROJECT NUMBER 805-73.03 BORING / WELL NO. MW-5  
 PROJECT NAME ARCO 2100 TOP OF CASING ELEV. 51.25'  
 LOCATION 98 S. PARK VICTORIA GROUND SURFACE ELEV. 51.93'  
 WELL PERMIT NO. 89W1761 DATUM MSL

9/19/89

INSTALLATION DATE



## EXPLORATORY BORING

a. Total depth 30.5 ft.  
 b. Diameter 8 in.  
 Drilling method HOLLOW-STEM AUGER

## WELL CONSTRUCTION

c. Total casing length 26.5 ft.  
 Material SCHEDULE 40 PVC  
 d. Diameter 2 in.  
 e. Depth to top perforations 14 ft.  
 f. Perforated length 12.5 ft.  
 Perforated interval from 14 to 26.5 ft.  
 Perforation type MACHINE SLOT  
 Perforation size 0.020 INCH  
 g. Surface seal 1 ft.  
 Material CONCRETE  
 h. Backfill 7 ft.  
 Material NEAT CEMENT  
 i. Seal 3 ft.  
 Material BENTONITE  
 j. Gravel pack 15.5 ft.  
 Gravel pack interval from 11 to 26.5 ft.  
 Material 12 X 20 MONTEREY SAND  
 k. Bottom seal/fill 4 ft.  
 Material BENTONITE



# 98 S. Park Victoria



APN: 08804061  
\*no Site Address\*  
CA

Well Annotations- 1 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	06S01E05Q024	89W1761	MW-5	Other-Active	6159830	1983319

- Wells.shp
- Water Supply - Active
  - Water Supply - Standby
  - Water Supply - Inactive
  - Extraction (Env) - Active
  - Extraction (Env) - Inactive
  - Other - Active
  - Other - Inactive
  - Abandoned
  - Destroyed
  - Status Undetermined
- Parcels.shp
- Fuelleak.shp
- VALFLOOR.SHP
- Zone 1
  - Zone 2
  - Zone 3
  - Zone 4
  - Zone 5

Approximate Scale

150 0 150 300 Feet

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D 00863

<b>Well Owner:</b> Atlantic Richfield Company	<b>Property Owner:</b> Mr. Bertram Berns	<b>Name of Business/Residence at Well Site:</b> ARCO Service Station #2100	
<b>Well Owner's Mailing Address:</b> P.O. Box 6549	<b>Property Owner's Mailing Address:</b> 1245 South Winchester Blvd.	<b>Address of Well Site:</b> 98 South Park Victoria	
<b>City, State, Zip:</b> Moraga, CA 94570	<b>City, State, Zip:</b> San Jose, CA 95128	<b>City, State, Zip:</b> Milpitas, CA	
<b>Telephone No.:</b> 925-299-8891	<b>Telephone No.:</b> 408-249-1440	<b>Assessor's Parcel Number of Well Site:</b> Book: 088 Page: 04 Parcel: 074	
<b>Consultant:</b> URS Corporation		<b>Drilling Company:</b> Gregg Drilling	
<b>Address:</b> 1333 Broadway, Suite 800		<b>Address:</b> 950 Howe Road	
<b>City, State, Zip:</b> Oakland, CA 94612		<b>City, State, Zip:</b> Martinez, CA 94553	
<b>Telephone No.:</b> 510-874-3026 / John McCain		<b>Telephone No.:</b> 925-313-5800	<b>C-57 License No.:</b> 485165
<input type="checkbox"/> Check if address or phone number has changed.		<input type="checkbox"/> Check if address or phone number has changed.	

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

## Well Information

<b>Well Registration No.:</b> 06S01E05Q043	<b>Owner/Consultant Well No.:</b> [MW6]*	<b>Original Well Construction Permit No.:</b> 91W2490*
<b>Well Casing Depth:</b>	<b>Total Boring Depth:</b>	<b>Well Casing Diameter:</b> 2"

## THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station 2100

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

<input type="checkbox"/> Well on SCVWD property/easement*	<input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank*	(* See General Conditions, E.)
<b>Well Description:</b>		
<input checked="" type="checkbox"/> Vertical Well	<input type="checkbox"/> Dewatering Well	<input type="checkbox"/> Elevator Shaft
<input type="checkbox"/> Multiple Casing	<input type="checkbox"/> Horizontal Wall	<input type="checkbox"/> Pit Well
<b>Well Type: check all that apply</b>		
<input type="checkbox"/> Water Producing (supply or extraction)	<input type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Agricultural
<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal & Industrial	<input type="checkbox"/> Vapor Extraction
<input checked="" type="checkbox"/> Monitoring	<input type="checkbox"/> Inclinator	<input type="checkbox"/> Groundwater
<input type="checkbox"/> Vadose	<input type="checkbox"/> Piezometer	<input type="checkbox"/> Interface
<input type="checkbox"/> Suction Lysimeter	<input type="checkbox"/> Seismic	
<input type="checkbox"/> Injection/Infiltration	<input type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Reclaimed Water
<input type="checkbox"/> Air Sparging		
<input type="checkbox"/> Cathodic Protection		

## Additional Questions For Water Producing Wells

<b>Does the well have:</b>	1. Outer conductor casing?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	2. Annular cement seal outside of casing at surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	3. A S.C.V.W.D. water meter attached?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<b>Type of Original Drilling Method:</b>			
<input type="checkbox"/> Rotary	<input type="checkbox"/> Cable-Tool	<input type="checkbox"/> Hand Dug Pit Well	<input type="checkbox"/> Hollow Stem Auger
<input type="checkbox"/> Other:			

## IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal  
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2660.  
Please allow 10 working days to process permit application.

\* See Bill Cameron regarding this

DEC 11 1995

SCVWD

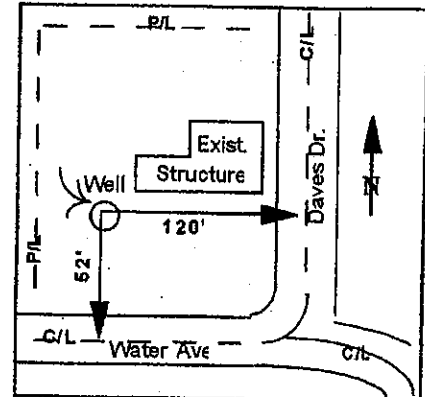
Site Plan

WELL LOCATION

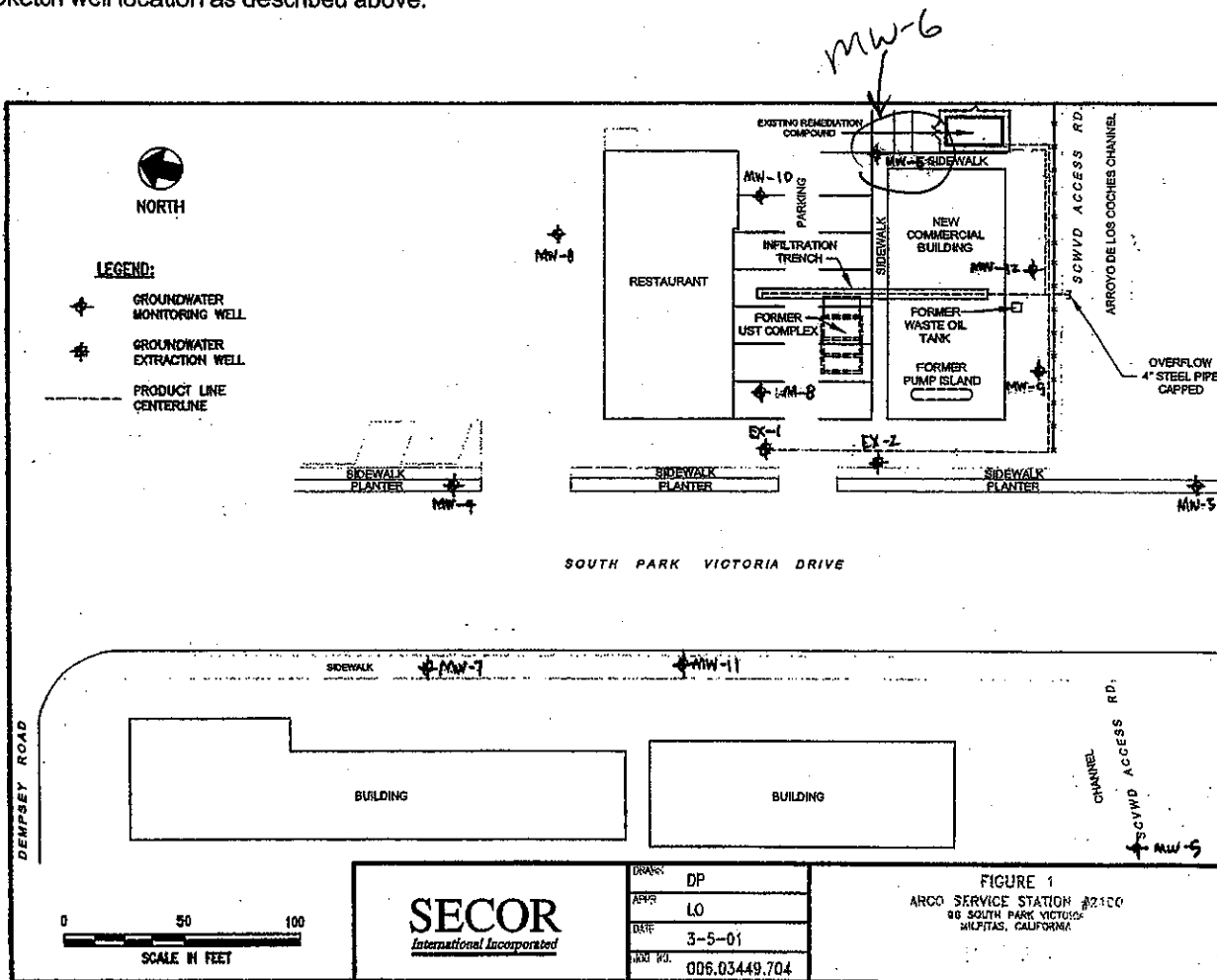
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described above:





Please describe, in detail, the proposed destruction method\*:

Well destruction via pressure grout according to SCVWD guidelines.

\*Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

**NOTE:** All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: 	Print Name: John McCain URS for Atlantic Richfield Co	Date: 12/16/05
Signature of Driller/Agent: 	Print Name: John McCain URS for Gregg Drilling	Date: 12/16/05
Signature of Consultant (if any): 	Print Name: John McCain URS	Date: 12/16/05

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

**NOTE:** Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of \_\_\_\_\_ feet, with a minimum bore of \_\_\_\_\_ inches.

☐ Clean out well casing to a total depth of \_\_\_\_\_ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). **NOTE:** Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: \_\_\_\_\_

☐ Other: \_\_\_\_\_

Permit Approved By: 		Date: 12/20/05	
District Permit No.: 05D00863	Date Issued: 12-20-05	Expiration Date: 6-20-06	Driller's Log No.: 0920615

Please allow 10 working days to process this application.

WELLS

**GENERAL CONDITIONS**

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.



# 98 S. Park Victoria



Well Annotations- 1 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	06S01E05Q043	91W2490	MW-6	Other-Active	6159852	1983526

- WELLS.shp
- Water Supply - Active
  - Water Supply - Standby
  - Water Supply - Inactive
  - Extraction (Env) - Active
  - Extraction (Env) - Inactive
  - Other - Active
  - Other - Inactive
  - Abandoned
  - Destroyed
  - Status Undetermined
- PARCELS.SHX  
RAILROAD.SHX  
FUELLEAK.shp  
Creeks01\_route.shp  
VALFLOOR.SHX
- Zone 1
  - Zone 2
  - Zone 3
  - Zone 4
  - Zone 5

Approximate Scale

50 0 50 100 Feet

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00625

<b>Well Owner:</b> Atlantic Richfield Company	<b>Property Owner:</b> Mr. Bertram Berns	<b>Name of Business/Residence at Well Site:</b> ARCO Service Station #2100	
<b>Well Owner's Mailing Address:</b> P.O. Box 6549	<b>Property Owner's Mailing Address:</b> 1245 South Winchester Blvd.	<b>Address of Well Site:</b> 98 South Park Victoria	
<b>City, State, Zip:</b> Moraga, CA 94570	<b>City, State, Zip:</b> San Jose, CA 95128	<b>City, State, Zip:</b> Milpitas, CA	
<b>Telephone No.:</b> 925-299-8891	<b>Telephone No.:</b> 408-249-1440	<b>Assessor's Parcel Number of Well Site:</b> Book: 088 Page: 04 Parcel: 074	
<b>Consultant:</b> URS Corporation		<b>Drilling Company:</b> Gregg Drilling	
<b>Address:</b> 1333 Broadway, Suite 800		<b>Address:</b> 950 Howe Road	
<b>City, State, Zip:</b> Oakland, CA 94612		<b>City, State, Zip:</b> Martinez, CA 94553	
<b>Telephone No.:</b> 510-874-3026 / John McCain		<b>Telephone No.:</b> 925-313-5800	<b>C-57 License No.:</b> 485165
<input type="checkbox"/> Check if address or phone number has changed.		<input type="checkbox"/> Check if address or phone number has changed.	

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

## Well Information

<b>Well Registration No.:</b> 0650/E05Q025	<b>Owner/Consultant Well No.:</b> MW-7	<b>Original Well Construction Permit No.:</b> 91W2490-89W1763
<b>Well Casing Depth:</b> 28'	<b>Total Boring Depth:</b> 30.5'	<b>Well Casing Diameter:</b> 2'

## THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station 2100

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

<input type="checkbox"/> Well on SCVWD property/easement*	<input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank*	(* See General Conditions, E.)
<b>Well Description:</b>		
<input checked="" type="checkbox"/> Vertical Well	<input type="checkbox"/> Dewatering Well	<input type="checkbox"/> Elevator Shaft
<input type="checkbox"/> Multiple Casing	<input type="checkbox"/> Horizontal Wall	<input type="checkbox"/> Pit Well
<b>Well Type: check all that apply</b>		
<input type="checkbox"/> Water Producing (supply or extraction)	<input type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Agricultural
<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal & Industrial	<input type="checkbox"/> Vapor Extraction
<input checked="" type="checkbox"/> Monitoring	<input type="checkbox"/> Inclinator	<input type="checkbox"/> Groundwater
<input type="checkbox"/> Vadose	<input type="checkbox"/> Piezometer	<input type="checkbox"/> Interface
<input type="checkbox"/> Suction Lysimeter	<input type="checkbox"/> Seismic	
<input type="checkbox"/> Injection/Infiltration	<input type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Reclaimed Water
<input type="checkbox"/> Air Sparging		
<input type="checkbox"/> Cathodic Protection		

## Additional Questions For Water Producing Wells

<b>Does the well have:</b>	1. Outer conductor casing?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	2. Annular cement seal outside of casing at surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	3. A S.C.V.W.D. water meter attached?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<b>Type of Original Drilling Method:</b>			
<input type="checkbox"/> Rotary	<input type="checkbox"/> Cable-Tool	<input type="checkbox"/> Hand Dug Pit Well	<input type="checkbox"/> Hollow Stem Auger
<input type="checkbox"/> Other:			

## IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.  
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.  
Please allow 10 working days to process permit application.

SEP 7 2005

S.C.V.W.D.  
WELL

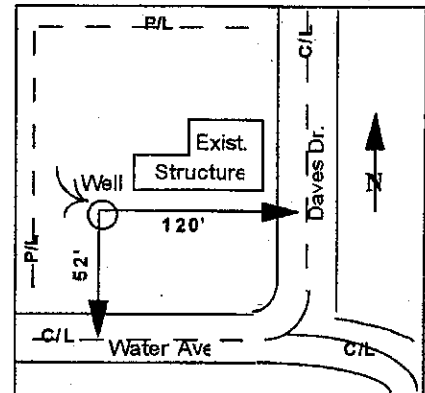
Site Plan

WELL LOCATION

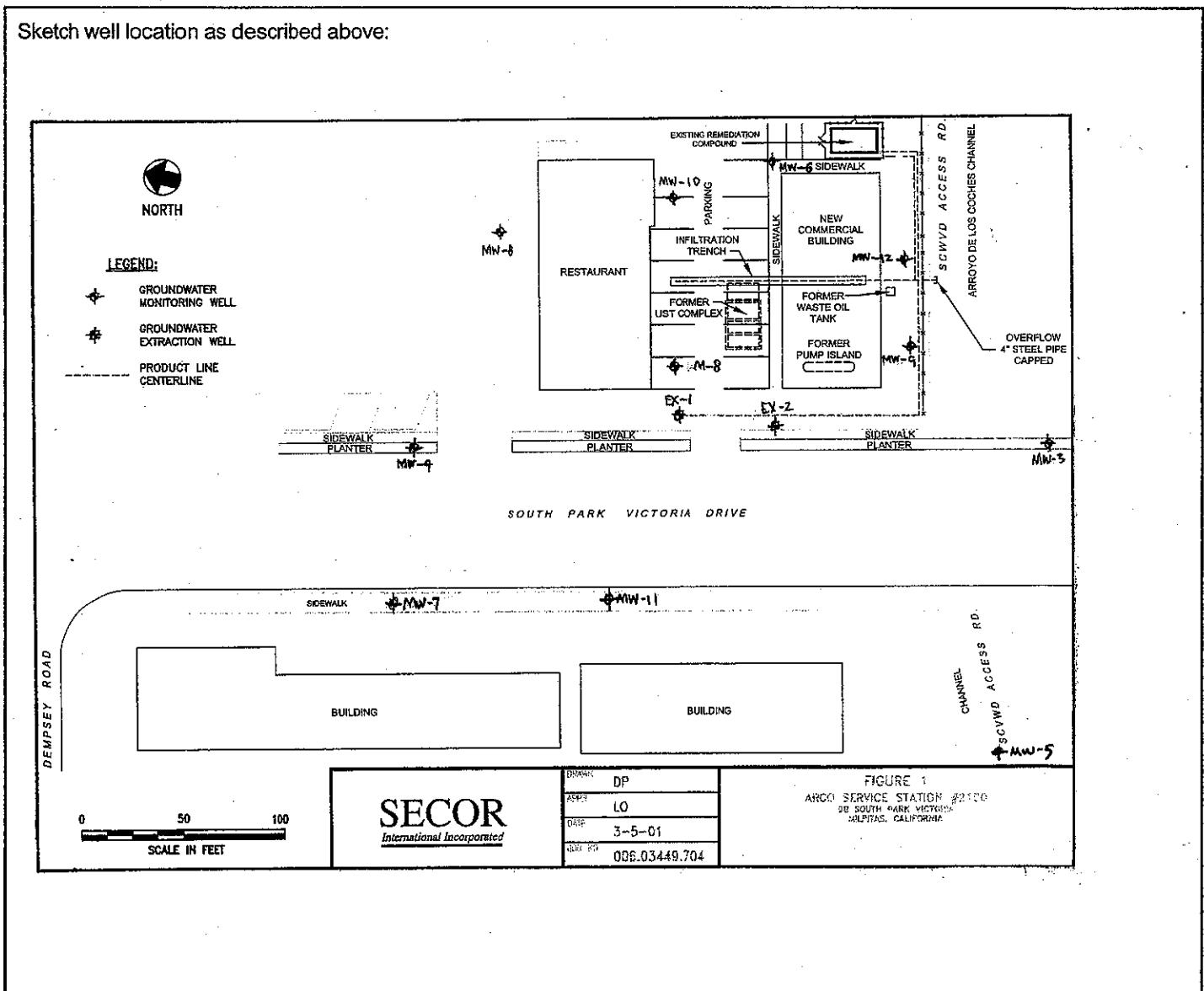
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described above:



Please allow 10 working days to process this application.



Please describe, in detail, the proposed destruction method\*: \_\_\_\_\_

Well destruction via pressure grout according to SCVWD guidelines.

\* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

**NOTE:** All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: 	Print Name: Jacob Henry/ URS for Atlantic Richfield Co A.F	Date: 9/19/05
Signature of Driller/Agent: 	Print Name: Jacob Henry/ URS for Gregg Drilling A.F	Date: 9/19/05
Signature of Consultant (if any): 	Print Name: Jacob Henry/ URS A.F	Date: 9/19/05

### DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

**NOTE:** Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 30 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of \_\_\_\_\_ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). **NOTE:** Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: \_\_\_\_\_

☐ Other: \_\_\_\_\_

Permit Approved By: 		Date: 9-14-05	
District Permit No.: 05D00625	Date Issued: 9-21-05	Expiration Date: 3-21-06	Driller's Log No.: 030192

Please allow 10 working days to process this application.

**GENERAL CONDITIONS**

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District



# WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

From: WELL SECTION	Date:	Permit No.: 89W1763
Inspector: L. BEJAR	Date of Inspection: 9-20-89	Well Registration No.: (MW-7) 06SIE05Q16A
Well Owner: ARCO		
Address of Well Site: S. PARK VICTORIA	City or County: MILPITAS	
Drilling Company: BAYLAND DRILLING	Consultant: EMCON ASSOC.	

## PURPOSE OF WELL:

- |   |  |
|---|--|
| <input type="checkbox"/> Domestic             | <input checked="" type="checkbox"/> *Monitoring Well Use |
| <input type="checkbox"/> Agricultural         | <input type="checkbox"/> *Vadose                         |
| <input type="checkbox"/> Municipal/Industrial | <input checked="" type="checkbox"/> *Groundwater         |
| <input type="checkbox"/> Cathodic Protection  | <input type="checkbox"/> *Other                          |

1. Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
2. Depth of Surface Annular Seal = 8' ☒ Yes ☐ No (If "No", see comments below)

Comments: HOLLOW STEM AUGER  
BENTONITE 8'-5.5'

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittee Goldenrod - City/County

TD-30.5'

①

Santa Clara Valley Water District  
5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

EMCON #805-73.03

WELL CONSTRUCTION APPLICATION  
FC 158 (07-26 89) (DP 4-901)

TO BE COMPLETED BY DISTRICT		
District Permit No.: <u>89W1763</u>	Date Issued: <u>9/14/89</u>	Well Registration No.: <u>01031E050116A</u>
Well Setting: <u>3</u>	Expiration Date: <u>12/14/89</u>	Driller's Log No.: <u>332231</u>

TO BE COMPLETED BY OWNER AND DRILLER		
Property Owner: <u>George Musante</u>	Well Owner (if different): <u>same</u>	Drilling Co.: <u>Bayland Drilling</u>
Address: <u>P.O. Box 778</u>	Address of Well Site: Parking lot of: <u>10 Dempsey Rd.</u>	Driller's Contractors License Number (C-57 Req'd) <u>C57-374152</u>
City, State, Zip: <u>Salinas, CA 93902</u>	City, State, Zip: <u>Milpitas, CA</u>	Address: <u>600 Crane Ave.</u>
Telephone No.: <u>(408) 424-8051</u>	Telephone No.:	City, State, Zip: <u>Foster City, CA 94404</u>
Assessor's Parcel No. of Well site: Book <u>88</u> Page <u>4</u> Parcel <u>64</u>	Owner's/Consultant's Well No.: <u>MW-7</u>	Telephone No.:

Estimated depth of completed well: ☒ Less than 50 ft. ☐ 50 to 300 ft. ☐ Over 300 ft.

Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ \*Monitoring ☐ Cathodic Protection

\*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive air samples for analysis. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies ☐ Other (specify): ☐ Extraction/Recovery

NAME OF BUSINESS AT WELL SITE: Alan B. Garder Multi-Service Center, County of Santa Clara

Proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No

If yes, give name of City or County:

Consultant's Name (Company):  
EMCON Associates

Address:  
1921 Ringwood Ave.

City, State, Zip:  
San Jose, CA 95131

Telephone No.:  
(408) 453-7300

Type of monitoring device: ☒ Groundwater ☐ Vadose

Monitoring well use: ☒ Depth ☒ Quality ☐ Chloride

Vadose device installation: ☐ Vapor ☐ Interface ☐ Suction Lysimeter

Signature of Responsible Professional  
(No substitution of signature will be accepted)  
Thomas W. Crosby  
CEG 1167

Registration No. Civil Engineer OR Certificate No. Engineering Geologist

TOPOGRAPHIC FEATURES

Well is to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☒ On private property ☐ On SCVWD property

Within 50 ft. of the top of a creek bank: ☐ Yes ☒ No

Within 50 ft. of a sanitary sewer: ☐ Yes ☒ No

Within 100 ft. of a pit privy, septic tank, leachfield: ☐ Yes ☒ No

Within 50 ft. of any existing well: ☐ Yes ☒ No

Within 150 ft. of a cesspool or seepage pit: ☐ Yes ☒ No

Other wells exist on this property: ☐ Yes ☒ No

Status: ☐ Active ☐ Inactive ☐ Abandoned

CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 85-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

EMCON Associates for ARCO

Signature of Well Owner/Agent

EMCON Associates for Bayland Drilling

Signature of Driller/Agent

8/29/89

Date

8/29/89

Date

MONITORING WELL PLAN APPROVAL

City/County:

Approved by:

Date:

IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 265-2600, Ext. 380. For weekends, holidays, after hours call (408) 395-8121 or (408) 265-2605.

2

ARCO 805-73.03

ORIGINAL  
File with DWR

NOV 13 1989

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
WATER WELL DRILLERS REPORT

Do not fill in

No. 332231

State Well No. 06S1E05Q16A

Other Well No.

Notice of Intent No.

Local Permit No. or Date

89W1763

(1) OWNER: Name George Musante  
Address P.O. Box 778  
City Salinas, CA ZIP 93902(2) LOCATION OF WELL (See instructions):  
County Santa Clara Owner's Well Number MW-7  
Well address if different from above 10 Dempsey Rd. Milpitas  
Township 88 Range 4 Section 64  
Distance from cities, roads, railroads, fences, etc.(12) WELL LOG: Total depth 30.5 ft. Completed depth 28 ft.  
from ft. to ft. Formation (Describe by color, character, size or material)  
0 - CLAY, light olive brown; low  
- plasticity fines; medium to coarse  
- sand; stiff; moist; w  
20.0 - CLAYEY GRAVEL; dark dark yellow-  
- brown; fine to coarse sand; fine to  
- coarse gravel; medium dense; wet  
28.0 - SANDY CLAY; brown; fine to medium  
- sand; stiff; moist  
30.0 - CLAYEY SAND; low plasticity fines; fine  
- to medium sand; medium dense; wet.

XXXXXX

SEE ATTACHED MAP

## (3) TYPE OF WORK:

New Well ☒ Deepening ☐  
Reconstruction ☐  
Reconditioning ☐  
Horizontal Well ☐  
Destruction ☐ (Describe  
destruction material and pro-  
cedures in item.)  
(4) PROPOSED USE:  
Domestic ☐  
Irrigation ☐  
Industrial ☐  
Test Well ☐  
Municipal ☐  
Other/Monitoring ☒ (Describe)

## WELL LOCATION SKETCH

## (5) EQUIPMENT:

Rotary ☐ Reverse ☐  
Cable ☐ Air ☐  
Other ☒ Bucket ☐  
Hollow-stem auger

## (6) GRAVEL PACK Sand

Yes ☒ No ☐ Size 20  
Diameter of bore 8  
Packed from 28

## (7) CASING INSTALLED:

Steel ☐ Plastic ☒ Concrete ☐

## (8) PERFORATIONS:

Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
0	28	2	Sch. 40	11	28	0.020"

## (9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 1 ft.  
Were strata sealed against pollution? Yes ☒ No ☐ Interval 5-8' ft.  
Method of sealing Concrete/Bentonite

## (10) WATER LEVELS:

Depth of first water, if known 16 ft.  
Standing level after well completion 18.92 ft.

## (11) WELL TESTS:

Was well test made? Yes ☐ No ☒ If yes, by whom? Bayland Drilling  
Type of test Pump ☐ Bailor ☐ Air lift ☐  
Depth to water at start of test 16 ft. At end of test 18.92 ft.  
Discharge gal/min after hours Water temperature   
Chemical analysis made? Yes ☐ No ☒ If yes, by whom?   
Was electric log made? Yes ☐ No ☒ If yes, attach copy to this reportWork started 9/20 1989 Completed 9/20 1989

## WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Signed Bayland Drilling (Well Driller)NAME Bayland Drilling (Person, firm, or corporation) (Typed or printed)Address 600 Crane AvenueCity Foster City, CA ZIP 94404License No. C57-374152 Date of this report 10/26/89

# LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.03

BORING NO. MW-7

PROJECT NAME ARCO SS#2100, Milpitas

PAGE 1 OF 2

BY J. BRADLEY DATE 9/20/89

SURFACE ELEV. 54.62 ft.

Recovery (ft/ft)	PID (ppm)	Penetra- tion (blws/ft)	GROUND WATER LEVELS	DEPTH IN FT.	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
				5		CLAY (CL); light olive brown (2.5Y, 5/4); low-plasticity fines; 5% medium- to coarse-grained sand; stiff; moist; no product odor. @ 1': very dark gray (10YR, 3/1); low plasticity fines; 15% fine- to coarse-grained sand; stiff to very stiff; moist; no product odor.	
		20		10		SANDY CLAY (CL); pale brown (10YR, 6/3); 15-20% fine-grained sand; occasional MnO and FeO stains; rare caliche-filled root holes and burrows, some burrows open; stiff; moist; no product odor.	
		22		15		CLAYEY SAND (SC); brown (10YR, 5/3); 40-45% low plasticity fines; 55% fine- to coarse-grained; trace fine gravel; common open burrows (dry); common caliche-filled burrows; medium dense; very moist to wet @ 16'; no product odor.	
		27					
				(9/26/89)			
				20			

## REMARKS

Drilled with 8-inch-diameter hollow-stem auger drilling equipment; converted to verification g.w. monitoring well with 2-inch-diameter PVC casing as presented in the attached well details.



# LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.03

BORING NO. MW-7

PROJECT NAME ARCO SS#2100, Milpitas

PAGE 2 OF 2

BY J. BRADLEY DATE 9/20/89

SURFACE ELEV. 54.62 ft.

Recovery (ft/ft)	PID (ppm)	Penetra- tion (blws/ft)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
				37			CLAYEY GRAVEL (GC); dark yellow-brown (10YR, 4/4); 30% low plasticity fines; 25% fine- to coarse-grained sand; 55% fine- to coarse-gravel; medium dense; wet; occasional FeO stain; no product odor.	
				25			CLAY (CL); brown (10 YR, 5/3); medium- to high-plasticity fines; 5% fine-grained sand; common caliche in veins, nodules and patches; moist; very stiff; no product odor.	
				20			SANDY CLAY (CL); brown (10YR, 5/3); 30% fine- to medium-grained sand, grain-size increasing downward; common burrows, some infilled with caliche; burrows dry; stiff; moist; no product odor.	
				30			CLAYEY SAND (SC); 30-35% low-plasticity fines; fine- to medium-grained sand; occasional caliche-filled burrows; medium dense; wet; no product odor.	
							<b>BORING TERMINATED AT 30.5 FEET.</b>	
				35				
				40				

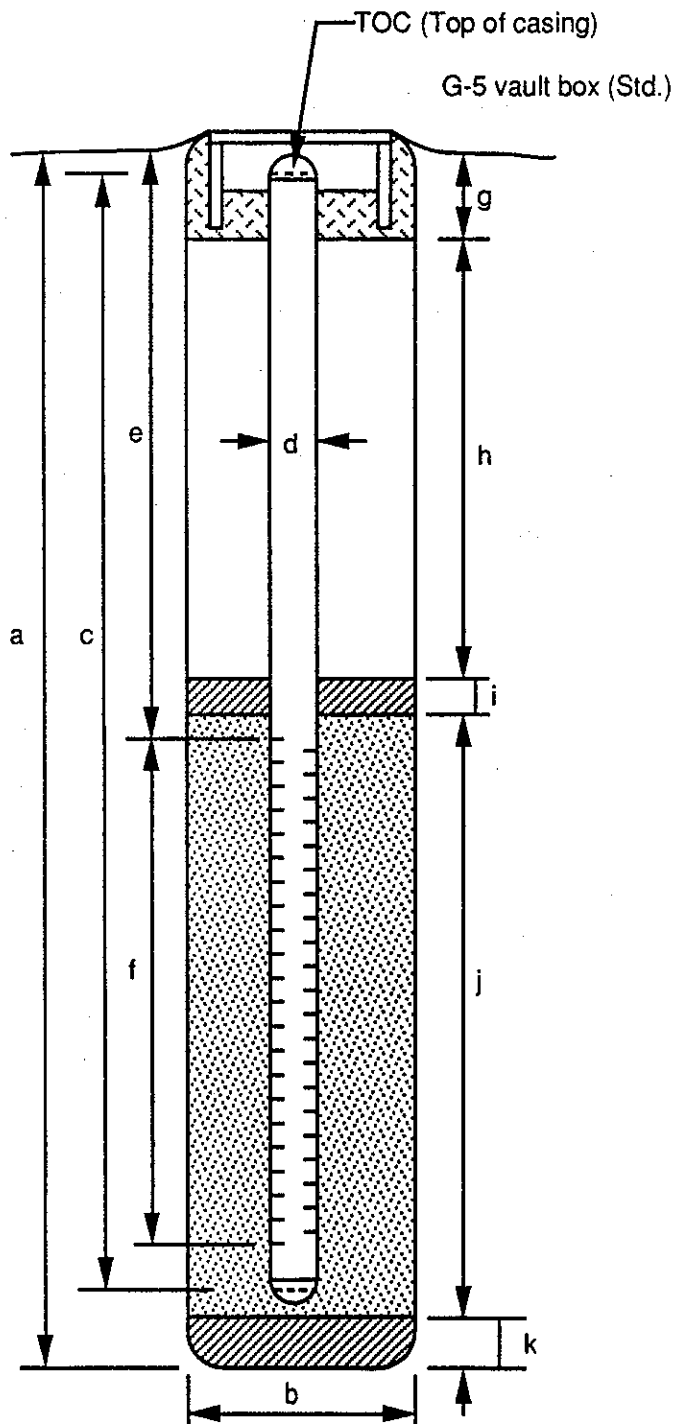
## REMARKS

Drilled with 8-inch-diameter hollow-stem auger drilling equipment; converted to verification g.w. monitoring well with 2-inch-diameter PVC casing as presented in the attached well details.



# WELL DETAILS

PROJECT NUMBER 805-73.03 BORING / WELL NO. MW-7  
 PROJECT NAME ARCO 2100 TOP OF CASING ELEV. 54.18'  
 LOCATION 98 S. PARK VICTORIA GROUND SURFACE ELEV. 54.62'  
 WELL PERMIT NO. 89W1763 DATUM MSL  
 INSTALLATION DATE 9/20/89



## EXPLORATORY BORING

a. Total depth 30.5 ft.  
 b. Diameter 8 in.  
 Drilling method HOLLOW-STEM AUGER

## WELL CONSTRUCTION

c. Total casing length 28 ft.  
 Material SCHEDULE 40 PVC  
 d. Diameter 2 in.  
 e. Depth to top perforations 11 ft.  
 f. Perforated length 17 ft.  
 Perforated interval from 11 to 28 ft.  
 Perforation type MACHINE SLOT  
 Perforation size 0.020 INCH  
 g. Surface seal 1 ft.  
 Material CONCRETE  
 h. Backfill 4 ft.  
 Material NEAT CEMENT  
 i. Seal 3 ft.  
 Material BENTONITE  
 j. Gravel pack 20 ft.  
 Gravel pack interval from 8 to 28 ft.  
 Material 12 X 20 MONTEREY SAND  
 k. Bottom seal/fill 2.5 ft.  
 Material BENTONITE



# 98 S. Park Victoria



APN: 08804061  
\*no Site Address\*  
CA

Well Annotations- 1 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	06S01E05Q024	89W1761	MW-5	Other-Active	6159830	1983319

- Wells.shp
- Water Supply - Active
  - Water Supply - Standby
  - Water Supply - Inactive
  - Extraction (Env) - Active
  - Extraction (Env) - Inactive
  - Other - Active
  - Other - Inactive
  - Abandoned
  - Destroyed
  - Status Undetermined
- Parcels.shp
- Fuelleak.shp
- VALFLOOR.SHP
- Zone 1
  - Zone 2
  - Zone 3
  - Zone 4
  - Zone 5

Approximate Scale

150 0 150 300 Feet



# WELL DESTRUCTION APPLICATION

FC 198w (12-16-02)

Page 1 of 4

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00841

<b>Well Owner:</b> Atlantic Richfield Company	<b>Property Owner:</b> Mr. Bertram Berns	<b>Name of Business/Residence at Well Site:</b> ARCO Service Station #2100	
<b>Well Owner's Mailing Address:</b> P.O. Box 6549	<b>Property Owner's Mailing Address:</b> 1245 South Winchester Blvd.	<b>Address of Well Site:</b> 98 South Park Victoria	
<b>City, State, Zip:</b> Moraga, CA 94570	<b>City, State, Zip:</b> San Jose, CA 95128	<b>City, State, Zip:</b> Milpitas, CA	
<b>Telephone No.:</b> 925-299-8891	<b>Telephone No.:</b> 408-249-1440	<b>Assessor's Parcel Number of Well Site:</b> Book: 088 Page: 04 Parcel: 074	
<b>Consultant:</b> URS Corporation	<b>Drilling Company:</b> Gregg Drilling		
<b>Address:</b> 1333 Broadway, Suite 800	<b>Address:</b> 950 Howe Road		
<b>City, State, Zip:</b> Oakland, CA 94612	<b>City, State, Zip:</b> Martinez, CA 94553		
<b>Telephone No.:</b> 510-874-3026 / John McCain	<b>Telephone No.:</b> 925-313-5800	<b>C-57 License No.:</b> 485165	
<input type="checkbox"/> Check if address or phone number has changed.		<input type="checkbox"/> Check if address or phone number has changed.	

**All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.**

## Well Information

<b>Well Registration No.:</b> 06501E050042	<b>Owner/Consultant Well No.:</b> MW-8	<b>Original Well Construction Permit No.:</b> 91W2491
<b>Well Casing Depth:</b>	<b>Total Boring Depth:</b> 31-65	<b>Well Casing Diameter:</b>

## THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station 2100

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

☐ Well on SCVWD property/easement\* ☐ Well is within 50 feet of the top of a creek/river bank\* (\* See General Conditions, E.)

**Well Description:**

☒ Vertical Well ☐ Dewatering Well ☐ Elevator Shaft ☐ Multiple Casing ☐ Horizontal Well ☐ Pit Well

**Well Type:** check all that apply

☐ Water Producing (supply or extraction) ☐ Contamination Cleanup ☐ Agricultural ☐ Domestic ☐ Municipal & Industrial ☐ Vapor Extraction

☒ Monitoring ☐ Inclinator ☐ Groundwater ☐ Vadose ☐ Piezometer ☐ Interface ☐ Suction Lysimeter ☐ Seismic

☐ Injection/Infiltration ☐ Contamination Cleanup ☐ Reclaimed Water ☐ Air Sparging

☐ Cathodic Protection

## Additional Questions For Water Producing Wells

Does the well have:

1. Outer conductor casing? ☐ Yes ☐ No

2. Annular cement seal outside of casing at surface? ☐ Yes ☐ No

3. A S.C.V.W.D. water meter attached? ☐ Yes ☐ No

**Type of Original Drilling Method:**

☐ Rotary ☐ Cable-Tool ☐ Hand Dug Pit Well ☐ Hollow Stem Auger ☐ Other:

## IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.  
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.  
Please allow 10 working days to process permit application.

SEP 7 2005

S.C.V.W.D.  
WELLS



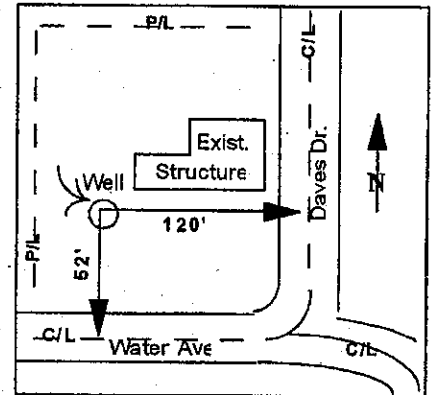
Site Plan

WELL LOCATION

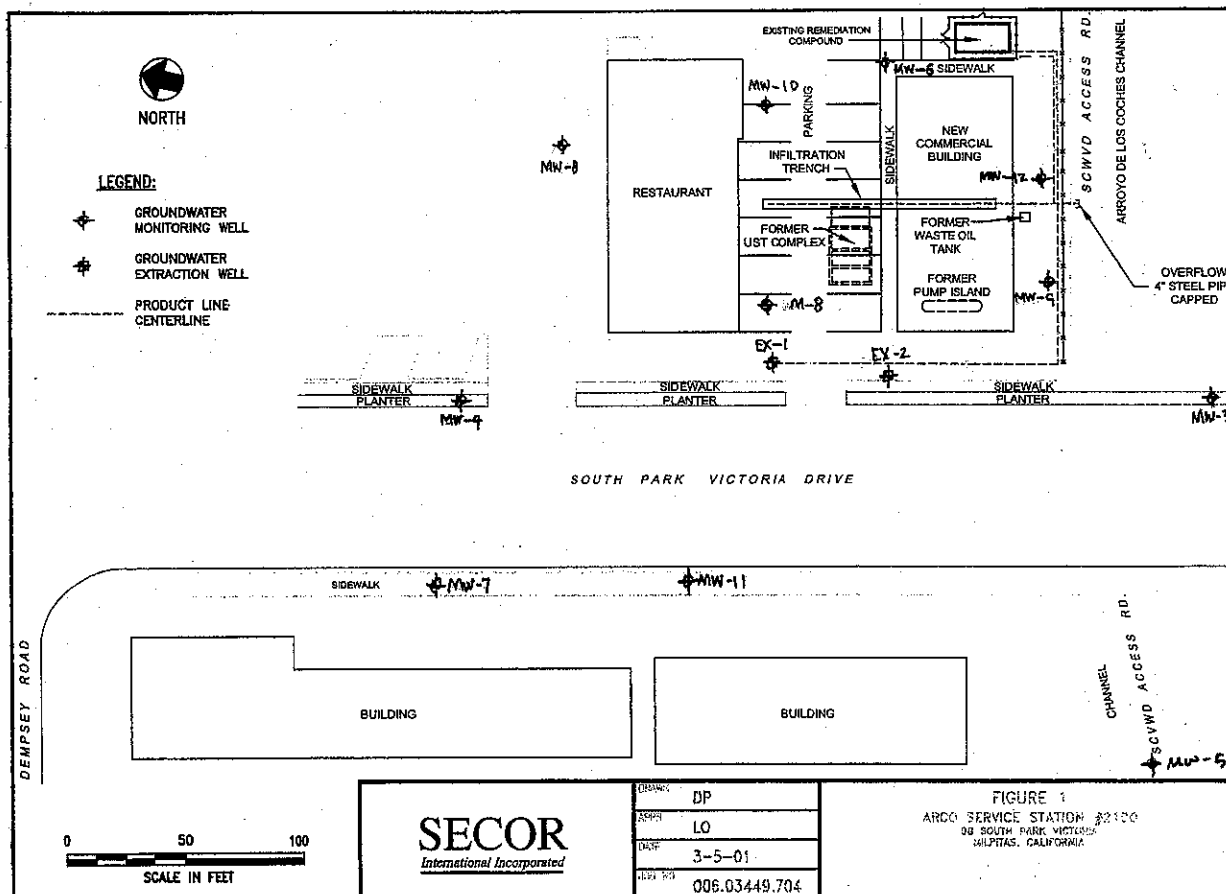
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described above:



Please allow 10 working days to process this application.



Please describe, in detail, the proposed destruction method\*:

Well destruction via pressure grout according to SCVWD guidelines.

\* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

**NOTE:** All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent:	Print Name: Jacob Henry/ URS for Atlantic Richfield Co	Date:
Signature of Driller/Agent:	Print Name: Jacob Henry/ URS for Gregg Drilling	Date:
Signature of Consultant (if any):	Print Name: Jacob Henry/ URS	Date:

## DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

**NOTE:** Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 35 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of \_\_\_\_\_ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). **NOTE:** Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: \_\_\_\_\_

☐ Other: \_\_\_\_\_

Permit Approved By:		Date: <u>11-11-05</u>	
District Permit No.: <u>05D00841</u>	Date Issued: <u>12-6-05</u>	Expiration Date: <u>6-6-06</u>	Driller's Log No.: <u>E033286</u>

Please allow 10 working days to process this application.

**GENERAL CONDITIONS**

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

# WELL CONSTRUCTION APPLICATION

FC 150 (10-25-90) (DP 4-901)

TO BE COMPLETED BY DISTRICT		
District Permit No.: <b>91W2491</b>	Date Issued: <b>11-20-91</b>	Well Registration No.: <b>06SIE05Q33A</b>
Geologic Setting: <b>3</b>	Expiration Date: <b>5-20-92</b>	Driller's Log No.: <b>398071</b>

TO BE COMPLETED BY OWNER AND DRILLER		
Property Owner: <b>Bertram M. Berns</b>	Well Owner (if different): <b>ARCO Products Company</b>	Drilling Co.: <b>Exploration Geoservices</b>
Address: <b>1245 S. Winchester, Suite 304</b>	Address of Well Site: <b>98 South Park Victoria</b>	Driller's Contractors License Number (C-57 Req'd): <b>C57-484288</b>
City, State, Zip: <b>San Jose, Ca. 95128</b>	City, State, Zip: <b>Milpitas, Ca. 95035</b>	Address: <b>1535 Industrial Way</b>
Telephone No.: <b>408-248-1440</b>	Telephone No.: <b>NA</b>	City, State, Zip: <b>San Jose, Ca. 95112</b>
Assessor's Parcel No. of Well site: Book <b>88</b> Page <b>4</b> Parcel <b>08 074</b>	Owner's/Consultant's Well No.: <b>MW-8</b>	Telephone No.: <b>408-280-6822</b>

Estimated depth of completed well: ☒ Less than 50 ft. ☐ 50 to 300 ft. ☐ Over 300 ft.

Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ \*Monitoring ☐ Cathodic Protection

\*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive air samples for analysis. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

## THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies  
☐ Other (specify): ☐ Extraction/Recovery

NAME OF BUSINESS AT WELL SITE: **Former ARCO Station**

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No

If yes, give name of City or County:

**EMCON Associates**

Consultant's Name (Company):

**1921 Ringwood Ave.**

Address:

**San Jose, CA. 95131**

City, State, Zip:

**408-453-7300**

Telephone No.:

Type of monitoring device: ☒ Groundwater ☐ Vadose

Type of extraction device: ☒ Groundwater ☐ Vadose

Monitoring well use: ☐ Depth ☒ Quality ☐ Chloride

Vadose device installation: ☐ Vapor ☐ Interface ☐ Suction Lysimeter

*Russell Schuler*  
 Signature of Responsible Professional  
 (No substitution of signature will be accepted)

**C25723**

Registration No. Civil Engineer OR Certificate No. Engineering Geologist

## TOPOGRAPHIC FEATURES

Well is to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☒ On private property ☐ On SCVWD property

Within 50 ft. of the top of a creek bank: ☒ Yes ☐ No Within 50 ft. of any existing well: ☐ Yes ☒ No

Within 50 ft. of a sanitary sewer: ☐ Yes ☒ No Within 150 ft. of a cesspool or seepage pit: ☐ Yes ☒ No

Within 100 ft. of a pit privy, septic tank, leachfield: ☐ Yes ☒ No Other wells exist on this property: ☐ Yes ☒ No

Status: ☐ Active ☐ Inactive ☐ Abandoned

## CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of the permit, the Santa Clara Valley Water District's Ordinance 90-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

EMCON for ARCO Products

Signature of Well Owner/Agent

11/19/91

Date

EMCON for Exploration Geoservices

Signature of Driller/Agent

11/19/91

Date

## MONITORING WELL PLAN APPROVAL

City/County:

Approved by:

Date:

**IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 927-0710 Ext. 660. For weekends, holidays, after hours call (408) 395-8121 or (408) 927-0714.**

Santa Clara Valley Water District



# WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

From: WELL SECTION	Date: 12-3-91	Permit No.: 91W2491
Inspector: DAVE C. ZOZAYA	Date of Inspection: 11-26-91	Well Registration No.: MW-B 0651E05033A
Well Owner: ARCO PRODUCTS CO.		
Address of Well Site: 98 5th PARK VICTORIA		City or County: MILPITAS
Drilling Company: EXP. PRO SERVICES	Consultant: ENCON	

## PURPOSE OF WELL:

- |   |   |
|---|---|
| <input type="checkbox"/> Domestic             | <input checked="" type="checkbox"/> Monitoring Well Use |
| <input type="checkbox"/> Agricultural         | <input type="checkbox"/> *Vadose                        |
| <input type="checkbox"/> Municipal/Industrial | <input checked="" type="checkbox"/> *Groundwater        |
| <input type="checkbox"/> Cathodic Protection  | <input type="checkbox"/> *Other                         |

- Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
- Depth of Surface Annular Seal = 18'

Comments: TD - 35' 2" PVC Casing - 35'  
 18' - Cement, bentonite grout seal  
 Hollow stem Auger

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittee Goldenrod - City/County

①



# 98 S. Park Victoria



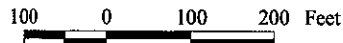
Well Annotations- 14 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	No Data	NO PERMI	No Data	Undetermined	6159993	1983503
2	06S01E05Q004	05D00631	E-1	Destroyed	6159955	1983519
3	06S01E05Q009	05D00634	MW-2	Destroyed	6159963	1983462
4	06S01E05Q012	86W0256	A2100-7B	Other-Active	6160026	1983542
5	06S01E05Q013	87W0646	2100-T9	Other-Active	6159972	1983525
6	06S01E05Q014	87W0644	2100-M8	Other-Active	6160017	1983534
7	06S01E05Q015	90D0388	2100-M12	Destroyed	6160001	1983496
8	06S01E05Q017	87W0645	2100-P11	Other-Active	6159993	1983503
9	06S01E05Q039	05D00635	MW-11	Destroyed	6160014	1983419
10	06S01E05Q040	91W2492	MW-9	Other-Active	6160089	1983509
11	06S01E05Q041	91W2493	MW-10	Other-Active	6160057	1983546
12	06S01E05Q042	91W2491	MW-8	Other-Active	6160020	1983625
13	06S01E05Q044	92D0259	MW 1	Destroyed	6160057	1983432
14	06S01E05Q045	92W1098	MW-12	Other-Active	6160049	1983430

WELLS.shp

- Water Supply - Active
  - Water Supply - Standby
  - Water Supply - Inactive
  - Extraction (Env) - Active
  - Extraction (Env) - Inactive
  - Other - Active
  - Other - Inactive
  - Abandoned
  - Destroyed
  - Status Undetermined
- PARCELS.SHP  
RAILROAD.SHP  
FUELLEAK.shp  
Creeks01\_route.shp  
VALFLOOR.SHP
- Zone 1
  - Zone 2
  - Zone 3
  - Zone 4
  - Zone 5

Approximate Scale



5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00633

<b>Well Owner:</b> Atlantic Richfield Company	<b>Property Owner:</b> Mr. Bertram Berns	<b>Name of Business/Residence at Well Site:</b> ARCO Service Station #2100	
<b>Well Owner's Mailing Address:</b> P.O. Box 6549	<b>Property Owner's Mailing Address:</b> 1245 South Winchester Blvd.	<b>Address of Well Site:</b> 98 South Park Victoria	
<b>City, State, Zip:</b> Moraga, CA 94570	<b>City, State, Zip:</b> San Jose, CA 95128	<b>City, State, Zip:</b> Milpitas, CA	
<b>Telephone No.:</b> 925-299-8891	<b>Telephone No.:</b> 408-249-1440	<b>Assessor's Parcel Number of Well Site:</b> Book: 088 Page: 04 Parcel: 074 <sup>8</sup>	
<b>Consultant:</b> URS Corporation		<b>Drilling Company:</b> Gregg Drilling	
<b>Address:</b> 1333 Broadway, Suite 800		<b>Address:</b> 950 Howe Road	
<b>City, State, Zip:</b> Oakland, CA 94612		<b>City, State, Zip:</b> Martinez, CA 94553	
<b>Telephone No.:</b> 510-874-3026 / John McCain		<b>Telephone No.:</b> 925-313-5800	<b>C-57 License No.:</b> 485165
<input type="checkbox"/> Check if address or phone number has changed.		<input type="checkbox"/> Check if address or phone number has changed.	

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

## Well Information

<b>Well Registration No.:</b> 06SD1E05Q040	<b>Owner/Consultant Well No.:</b> MW9	<b>Original Well Construction Permit No.:</b> 91W249X2
<b>Well Casing Depth:</b> 35'	<b>Total Boring Depth:</b> 35'	<b>Well Casing Diameter:</b> 2"

## THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station 2100

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

☐ Well on SCVWD property/easement\* ☒ Well is within 50 feet of the top of a creek/river bank\* (\* See General Conditions, E.)

**Well Description:**

☒ Vertical Well ☐ Dewatering Well ☐ Elevator Shaft ☐ Multiple Casing ☐ Horizontal Wall ☐ Pit Well

**Well Type:** check all that apply

☐ Water Producing ☐ Contamination Cleanup ☐ Agricultural ☐ Domestic ☐ Municipal & Industrial ☐ Vapor Extraction (supply or extraction)

☒ Monitoring ☐ Inclinator ☐ Groundwater ☐ Vadose ☐ Piezometer ☐ Interface ☐ Suction Lysimeter ☐ Seismic

☐ Injection/Infiltration ☐ Contamination Cleanup ☐ Reclaimed Water ☐ Air Sparging

☐ Cathodic Protection

## Additional Questions For Water Producing Wells

Does the well have:

- Outer conductor casing? ☐ Yes ☐ No
- Annular cement seal outside of casing at surface? ☐ Yes ☐ No
- A S.C.V.W.D. water meter attached? ☐ Yes ☐ No

Type of Original Drilling Method:

☐ Rotary ☐ Cable-Tool ☐ Hand Dug Pit Well ☐ Hollow Stem Auger ☐ Other: \_\_\_\_\_

## IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.  
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.  
Please allow 10 working days to process permit application.

SEP 7 2005

S.C.V.W.D.

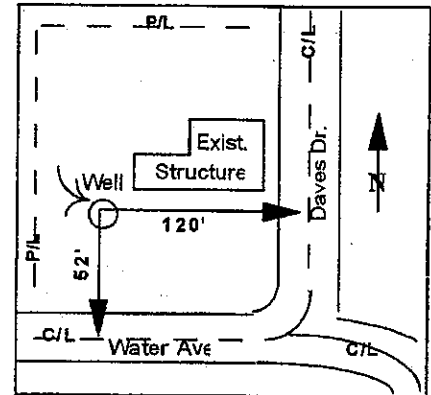
Site Plan

WELL LOCATION

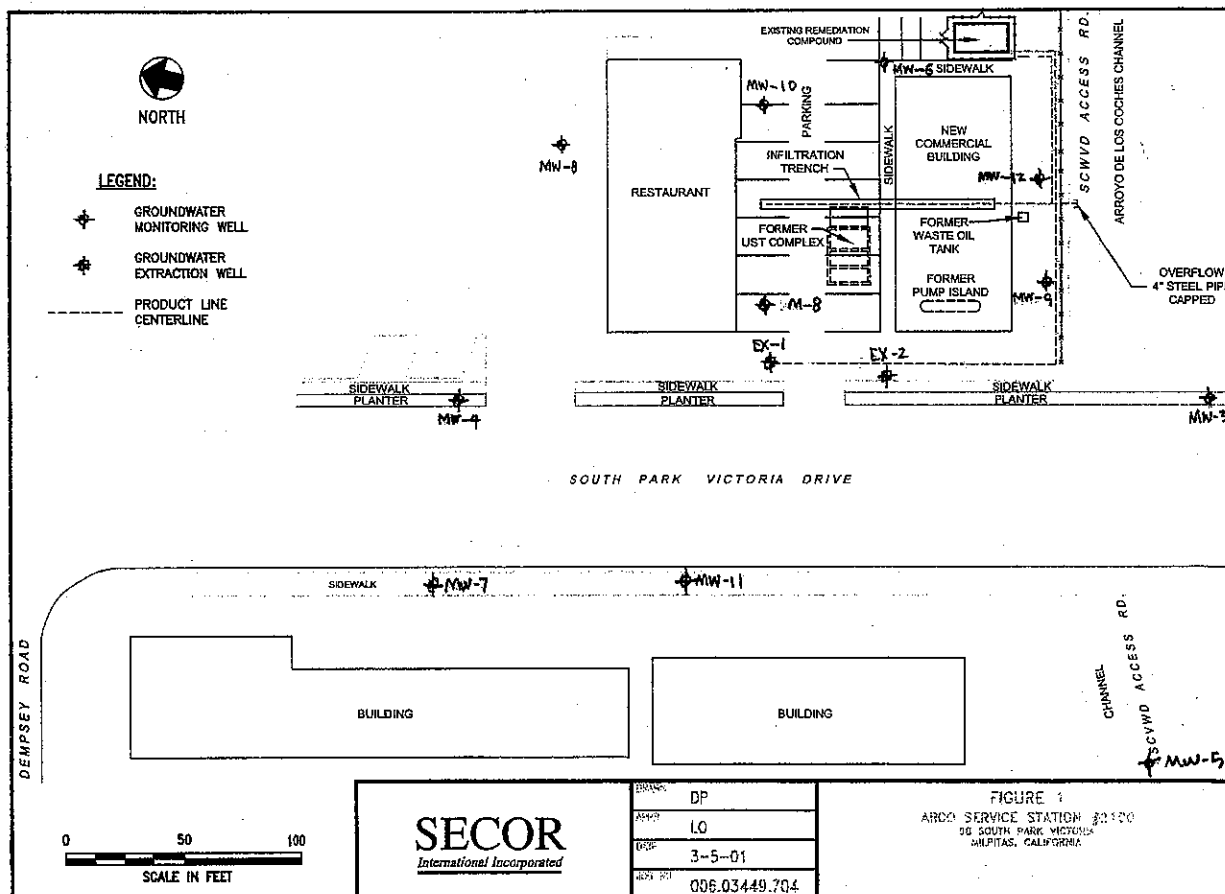
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described above:



Please allow 10 working days to process this application.



Please describe, in detail, the proposed destruction method\*:

Well destruction via pressure grout according to SCVWD guidelines.

\* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

**NOTE:** All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: <i>Thynelle Ouster/URS for ARCO</i>	Print Name: Jacob Henry/ URS for Atlantic Richfield Co	Date: 9/19/05
Signature of Driller/Agent: <i>Thynelle Ouster/URS for Gregg</i>	Print Name: Jacob Henry/ URS for Gregg Drilling	Date: 9/19/05
Signature of Consultant (if any): <i>Thynelle Ouster/URS</i>	Print Name: Jacob Henry/ URS	Date: 9/19/05

#### DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

**OR** NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 35 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of \_\_\_\_\_ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: \_\_\_\_\_

☐ Other: \_\_\_\_\_

Permit Approved By: <i>B. Gamm</i>		Date: 9-14-05	
District Permit No.: 05D00633	Date Issued: 9-21-05	Expiration Date: 3-21-05	Driller's Log No.: 030202

Please allow 10 working days to process this application.



**GENERAL CONDITIONS**

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District

# WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

From: WELL SECTION	Date: 12-3-91	Permit No.: 91W2492
Inspector: DAVE C. ZORAYA	Date of Inspection: 11-26-91	Well Registration No.: MW-9 0651E05Q31A
Well Owner: ARCO PRODUCTS Co.		
Address of Well Site: 98 S. PARK VICTORIA	City or County: MILPITAS	
Drilling Company: EXP. GEO SERVICES	Consultant: EMCON	

## PURPOSE OF WELL:

- |   |  |
|---|--|
| <input type="checkbox"/> Domestic             | <input type="checkbox"/> *Monitoring Well Use    |
| <input type="checkbox"/> Agricultural         | <input type="checkbox"/> *Vadose                 |
| <input type="checkbox"/> Municipal/Industrial | <input checked="" type="checkbox"/> *Groundwater |
| <input type="checkbox"/> Cathodic Protection  | <input type="checkbox"/> *Other                  |

- Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
- Depth of Surface Annular Seal = 10'

Comments: 35' - TD 2" PVC CASING - 35'  
 10' - CEMENT, BENTONITE SEAL  
 Hollow Stem Auger 91W2492

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittee Goldenrod - City/County

①

Santa Clara Valley Water District  
5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

# WELL CONSTRUCTION APPLICATION

FC 158 (10-25-90) (DP 4-901)

TO BE COMPLETED BY DISTRICT		
District Permit No.: <u>91W2492</u>	Date Issued: <u>11-20-91</u>	Well Registration No.: <u>0651E05Q31A</u>
Geologic Setting: <u>3</u>	Expiration Date: <u>5-20-92</u>	Driller's Log No.: <u>398072</u>

TO BE COMPLETED BY OWNER AND DRILLER		
Property Owner: <u>Bertram MS Berns</u>	Well Owner (if different): <u>ARCO Products Company</u>	Drilling Co.: <u>Exploration Geoservices</u>
Address: <u>1245 S. Winchester, Suite 304</u>	Address of Well Site: <u>98 S. Park Victoria</u>	Driller's Contractors License Number (C-57 Req'd): <u>C57-484288</u>
City, State, Zip: <u>San Jose, Ca. 95128</u>	City, State, Zip: <u>Milpitas, Ca. 95035</u>	Address: <u>1535 Industrial Way</u>
Telephone No.: <u>408-248-1440</u>	Telephone No.: <u>NA</u>	City, State, Zip: <u>San Jose, Ca. 95112</u>
Assessor's Parcel No. of Well site: Book <u>88</u> Page <u>4</u> Parcel <u>38 074</u>	Owner's/Consultant's Well No.: <u>MW-9</u>	Telephone No.: <u>408-280-6822</u>

Estimated depth of completed well: ☒ Less than 50 ft. ☐ 50 to 300 ft. ☐ Over 300 ft.  
Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ \*Monitoring ☐ Cathodic Protection  
\*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive air samples for analysis. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

**THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS**  
Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies  
☐ Other (specify): ☐ Extraction/Recovery

NAME OF BUSINESS AT WELL SITE: Former ARCO Station

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No

If yes, give name of City or County:

EMCON Associates

Consultant's Name (Company):

1921 Ringwood Ave.

Address:

San Jose, Ca. 95131

City, State, Zip:

408-453-7300

Telephone No.:

Type of monitoring device: ☒ Groundwater ☐ Vadose  
Type of extraction device: ☐ Groundwater ☐ Vadose  
Monitoring well use: ☐ Depth ☒ Quality ☐ Chloride  
Vadose device installation: ☐ Vapor ☐ Interface ☐ Suction Lysimeter

Russell Schmitt  
Signature of Responsible Professional  
(No substitution of signature will be accepted)

Registration No. Civil Engineer OR Certificate No. Engineering Geologist

## TOPOGRAPHIC FEATURES

Well is to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☒ On private property ☐ On SCVWD property  
Within 50 ft. of the top of a creek bank: ☒ Yes ☐ No Within 50 ft. of any existing well: ☐ Yes ☒ No  
Within 50 ft. of a sanitary sewer: ☐ Yes ☒ No Within 150 ft. of a cesspool or seepage pit: ☐ Yes ☒ No  
Within 100 ft. of a pit privy, septic tank, leachfield: ☐ Yes ☒ No Other wells exist on this property: ☐ Yes ☒ No  
Status: ☐ Active ☐ Inactive ☐ Abandoned

## CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 90-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

EMCON for ARCO Products Company

Signature of Well Owner/Agent

11/19/91

Date

EMCON for Exploration Geoservices

Signature of Driller/Agent

11/19/91

Date

## MONITORING WELL PLAN APPROVAL

City/County: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

**IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 927-0710 Ext. 660. For weekends, holidays, after hours call (408) 395-8121 or (408) 927-0714.**

ORIGINAL  
File with DWR 805-73.19

Page 1 of 1

Owner's Well No. MW-9

Date Work Began 11/25/91 Ended 11/25/91

Local Permit Agency

Permit No.

GEOLOGIC LOG

STATE OF CALIFORNIA  
WELL COMPLETION REPORT  
Refer to Instruction Pamphlet

No. 398072

Permit Date 11-20-91

DWR USE ONLY - DO NOT FILL IN

0.651011E05101311A

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

ORIENTATION (°)		DEPTH TO FIRST WATER (ft.) BELOW SURFACE	DESCRIPTION
VERTICAL	HORIZONTAL		
X		22.0	SANDY CLAY (CL) very dark gray (5Y, 3/1); 25-30% sand; damp.
		7.0	CLAYEY SAND (SC) pale brown (10YR, 6/3); 40% fines; dense; damp.
		17.0	SANDY GRAVEL (GC) brown (10YR, 5/3); 15% fines; 40% sand; very moist.
		19.0	SANDY CLAY (CL) dark yellowish brown (10YR, 3/4); 20-25% sand; hard; damp.
		27.5	CLAYEY SAND (SC) dark brown (10YR, 4/3); 40-45% fines; dense; damp to moist.
		32.0	SANDY CLAY (CL) dark yellowish brown (10YR, 3/4); 35% fine sand; stiff; damp.
		34.0	CLAYEY SAND (SC) dark yellowish brown (10YR, 3/4); 40% fines; dense; damp.
		37.0	CLAYEY GRAVEL (GC) dark yellowish brown (10YR, 3/4); 15-20% fines; 35% sand; 45-50% gravel; wet.
		39.5	SAND (SP) dark yellowish brown (10YR, 3/4); 5% fines; wet.

TOTAL DEPTH OF BORING 44.0 (ft.)

TOTAL DEPTH OF COMPLETED WELL 40.0 (ft.)

WELL OWNER

Name ARCO Products Company

Mailing Address 98 South Park Victoria

City Milpitas, CA 95035

WELL LOCATION

Address same as above

City

County

APN Book 88 Page 4 Parcel 074

Township 88 Range Section

Latitude Longitude

LOCATION SKETCH

ACTIVITY (°)

NEW WELL

MODIFICATION/REPAIR

Deepen

Other (Specify)

DESTROY (Describe Procedure and Materials Under "GEOLOGIC LOG")

PLANNED USE(S)

MONITORING

WATER SUPPLY

Domestic

Public

Irrigation

Industrial

"TEST WELL"

CATHODIC PROTECTION

OTHER (Specify)

DRILLING METHOD Hollow-stem augers/rod NA

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL NA (ft.) & DATE MEASURED NA

ESTIMATED YIELD NA (GPM) & TEST TYPE NA

TEST LENGTH NA (hrs) TOTAL DRAWDOWN NA (ft.)

\* May not be representative of a well's long-term yield.

DEPTH FROM SURFACE Fl. to Fl.	BORE-HOLE DIA. (Inches)	CASING(S)					DEPTH FROM SURFACE Fl. to Fl.	ANNULAR MATERIAL			
		TYPE (°)	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)		CE-MENT (°)	BEN-TOHITE (°)	FILL (°)	FILTER PACK (TYPE/SIZE)
0	20.0	8	PVC	2	Sch 40		0	1			
20.0	35.0	8	PVC	2	Sch 40	0.020"	1	16.0	x		
							16.0	18.0		x	
							18.0	35.0			2/12 Sand
							35.0	40.0		x	

ATTACHMENTS (°)

Geologic Log

Well Construction Diagram

Geophysical Log(s)

Soil/Water Chemical Analyses

Other

ATTACH ADDITIONAL INFORMATION IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME EXPLOREXION ASSOCIATES

ADDRESS 1520 Almaden Way San Jose, CA 95128

CITY San Jose, CA 95128

DATE 1/27/92

484288



# 98 S. Park Victoria



APN: 08804061  
\*no Site Address\*  
CA

Well Annotations- 1 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	06S01E05Q024	89W1761	MW-5	Other-Active	6159830	1983319

- Wells.shp
- ⊕ Water Supply - Active
  - ⊞ Water Supply - Standby
  - Water Supply - Inactive
  - ⊕ Extraction (Env) - Active
  - Extraction (Env) - Inactive
  - ⊕ Other - Active
  - Other - Inactive
  - \* Abandoned
  - ⊕ Destroyed
  - ▲ Status Undetermined
- Parcels.shp
- ▲ Fuelleak.shp
- VALFLOOR.SHP
- Zone 1
  - Zone 2
  - Zone 3
  - Zone 4
  - Zone 5

Approximate Scale

150 0 150 300 Feet



# WELL DESTRUCTION APPLICATION

FC 198w (12-16-02)

Page 1 of 4

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00629

<b>Well Owner:</b> Atlantic Richfield Company	<b>Property Owner:</b> Mr. Bertram Berns	<b>Name of Business/Residence at Well Site:</b> ARCO Service Station #2100	
<b>Well Owner's Mailing Address:</b> P.O. Box 6549	<b>Property Owner's Mailing Address:</b> 1245 South Winchester Blvd.	<b>Address of Well Site:</b> 98 South Park Victoria	
<b>City, State, Zip:</b> Moraga, CA 94570	<b>City, State, Zip:</b> San Jose, CA 95128	<b>City, State, Zip:</b> Milpitas, CA	
<b>Telephone No.:</b> 925-299-8891	<b>Telephone No.:</b> 408-249-1440	<b>Assessor's Parcel Number of Well Site:</b> Book: 088 Page: 64 Parcel: 078	
<b>Consultant:</b> URS Corporation		<b>Drilling Company:</b> Gregg Drilling	
<b>Address:</b> 1333 Broadway, Suite 800		<b>Address:</b> 950 Howe Road	
<b>City, State, Zip:</b> Oakland, CA 94612		<b>City, State, Zip:</b> Martinez, CA 94553	
<b>Telephone No.:</b> 510-874-3026 / John McCain		<b>Telephone No.:</b> 925-313-5800	<b>C-57 License No.:</b> 485165
<input type="checkbox"/> Check if address or phone number has changed.		<input type="checkbox"/> Check if address or phone number has changed.	

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

## Well Information

<b>Well Registration No.:</b> 06501E05Q04	<b>Owner/Consultant Well No.:</b> MW10	<b>Original Well Construction Permit No.:</b> 91W2493
<b>Well Casing Depth:</b> 35	<b>Total Boring Depth:</b> 35	<b>Well Casing Diameter:</b> 2"

## THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station 2100

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

☐ Well on SCVWD property/easement\* ☐ Well is within 50 feet of the top of a creek/river bank\* (\* See General Conditions, E.)

**Well Description:**

☒ Vertical Well ☐ Dewatering Well ☐ Elevator Shaft ☐ Multiple Casing ☐ Horizontal Wall ☐ Pit Well

**Well Type:** check all that apply

☐ Water Producing (supply or extraction) ☐ Contamination Cleanup ☐ Agricultural ☐ Domestic ☐ Municipal & Industrial ☐ Vapor Extraction

☒ Monitoring ☐ Inclinator ☐ Groundwater ☐ Vadose ☐ Piezometer ☐ Interface ☐ Suction Lysimeter ☐ Seismic

☐ Injection/Infiltration ☐ Contamination Cleanup ☐ Reclaimed Water ☐ Air Sparging

☐ Cathodic Protection

## Additional Questions For Water Producing Wells

Does the well have:

1. Outer conductor casing? ☐ Yes ☐ No

2. Annular cement seal outside of casing at surface? ☐ Yes ☐ No

3. A S.C.V.W.D. water meter attached? ☐ Yes ☐ No

**Type of Original Drilling Method:**

☐ Rotary ☐ Cable-Tool ☐ Hand Dug Pit Well ☐ Hollow Stem Auger ☐ Other:

## IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.  
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.  
Please allow 10 working days to process permit application.

SEP 7 2005

S.C.V.W.D.

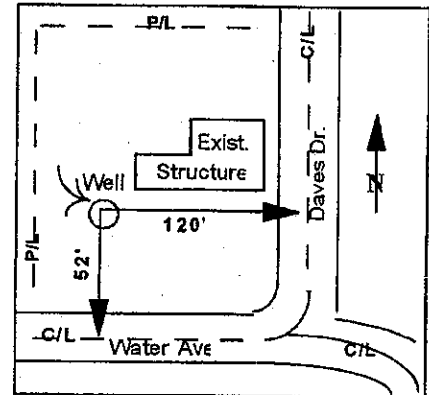
Site Plan

WELL LOCATION

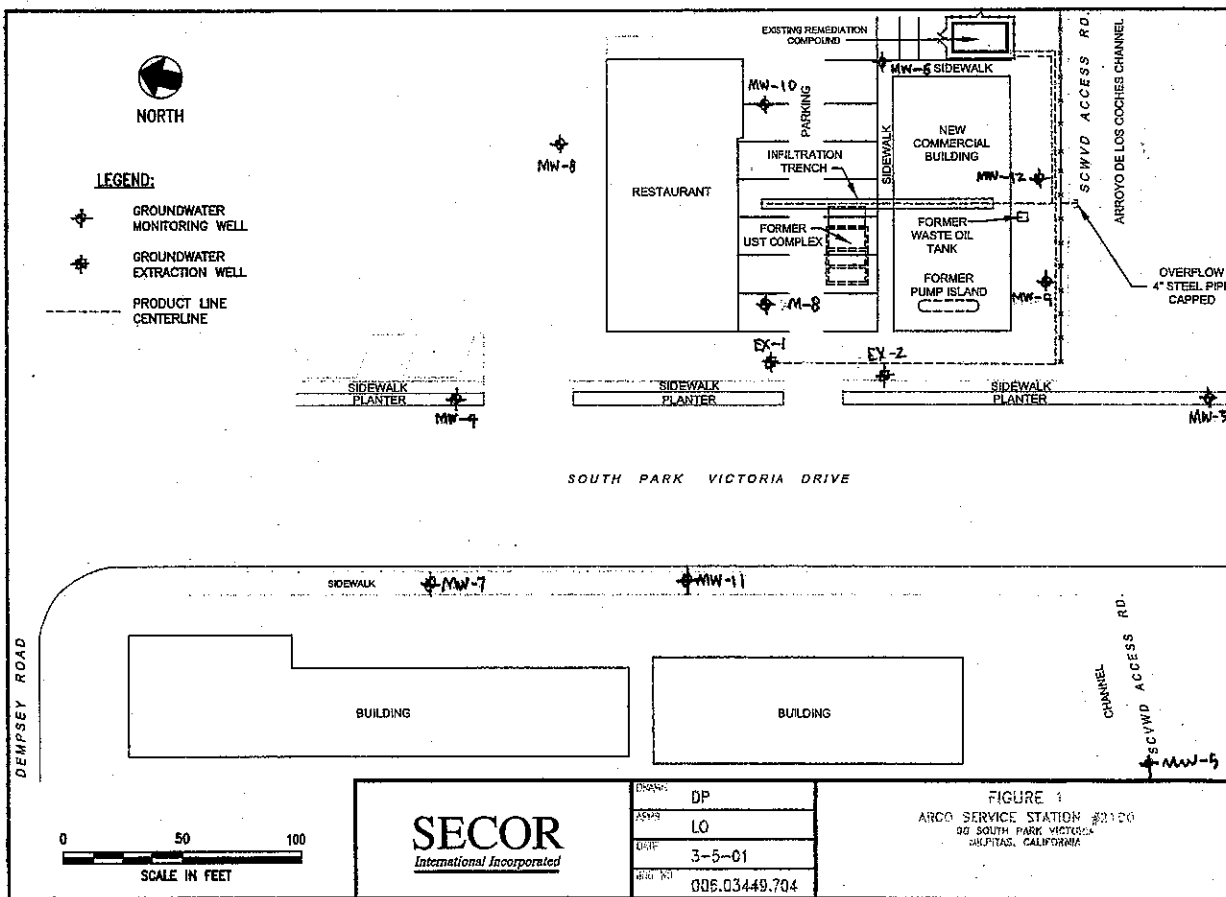
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described above:



Please allow 10 working days to process this application.



Please describe, in detail, the proposed destruction method\*: \_\_\_\_\_

Well destruction via pressure grout according to SCVWD guidelines.

\* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

**NOTE:** All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: 	Print Name: Jacob Henry/ URS for Atlantic Richfield Co A.F.	Date: 9/19/05
Signature of Driller/Agent: 	Print Name: Jacob Henry/ URS for Gregg Drilling A.F.	Date: 9/19/05
Signature of Consultant (if any): 	Print Name: Jacob Henry/ URS A.F.	Date: 9/19/05

**DISTRICT USE ONLY**

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

**NOTE:** Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 35' feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of \_\_\_\_\_ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). **NOTE:** Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: \_\_\_\_\_

☐ Other: \_\_\_\_\_

Permit Approved By: 		Date: 9-14-05	
District Permit No.: 05D00629	Date Issued: 9-21-05	Expiration Date: 3-21-06	Driller's Log No.: 030198

Please allow 10 working days to process this application.

**GENERAL CONDITIONS**

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District



# WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

From: WELL SECTION	Date: 12-3-91	Permit No.: 91W2493
Inspector: DAVE C. FOZAYA	Date of Inspection: 11-26-91	Well Registration No.: MN-R 0651E05Q32A
Well Owner: ARCO PRODUCTS CO.		
Address of Well Site: 98 S. PARK VICTORIA		City or County: MILPITAS
Drilling Company: EXP. GEO SERVICES	Consultant: EMCON	

## PURPOSE OF WELL:

- |   |  |
|---|--|
| <input type="checkbox"/> Domestic             | <input type="checkbox"/> *Monitoring Well Use    |
| <input type="checkbox"/> Agricultural         | <input type="checkbox"/> *Vadose                 |
| <input type="checkbox"/> Municipal/Industrial | <input checked="" type="checkbox"/> *Groundwater |
| <input type="checkbox"/> Cathodic Protection  | <input type="checkbox"/> *Other                  |

- Well completed according to provisions of Santa Clara Valley Water District Permit: ☒ Yes ☐ No (If "No", see comments below)
- Depth of Surface Annular Seal: 18'

Comments: TD - 35' 2" PVC CASING - 35'  
 18' SEAL - CEMENT, bentonite grout  
 Hollow stem Auger

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittee Goldenrod - City/County

①

Santa Clara Valley Water District  
5750 Almadon Expressway, San Jose, CA 95118 (408) 265-2600

# WELL CONSTRUCTION APPLICATION

FC 158 (10-25-90) (DP 4-901)

TO BE COMPLETED BY DISTRICT		
District Permit No.: <u>91W2498</u>	Date Issued: <u>11-20-91</u>	Well Registration No.: <u>0651E05032A</u>
Geologic Setting: <u>3</u>	Expiration Date: <u>5-20-92</u>	Driller's Log No.: <u>398073</u>

TO BE COMPLETED BY OWNER AND DRILLER		
Property Owner: <b>Bertram M. Berns</b>	Well Owner (if different): <b>ARCO Products Company</b>	Drilling Co.: <b>Exploration Geoservices</b>
Address: <b>1245 S. Winchester, Suite 304</b>	Address of Well Site: <b>98 South Park Victoria</b>	Driller's Contractors License Number (C-57 Req'd): <b>C57-484288</b>
City, State, Zip: <b>San Jose, Ca. 95128</b>	City, State, Zip: <b>Milpitas, Ca. 95035</b>	Address: <b>1535 Industrial Way</b>
Telephone No.: <b>408-248-1440</b>	Telephone No.: <b>NA</b>	City, State, Zip: <b>San Jose, Ca. 95112</b>
Assessor's Parcel No. of Well site: Book <u>88</u> Page <u>4</u> Parcel <u>58-074</u>	Owner's/Consultant's Well No.: <b>MW-10</b>	Telephone No.: <b>408-280-6822</b>

Estimated depth of completed well: ☒ Less than 50 ft. ☐ 50 to 300 ft. ☐ Over 300 ft.  
Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ \*Monitoring ☐ Cathodic Protection  
\*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive air samples for analysis. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

**THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS**  
Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies  
☐ Other (specify): ☐ Extraction/Recovery

NAME OF BUSINESS AT WELL SITE: Former ARCO Station

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No

If yes, give name of City or County:

**EMCON Associates**

Consultant's Name (Company):  
**1921 Ringwood Ave.**

Address:

**San Jose, Ca. 95131**

City, State, Zip:

**408-453-7300**

Telephone No.:

Type of monitoring device: ☒ Groundwater ☐ Vadose  
Type of extraction device: ☐ Groundwater ☐ Vadose  
Monitoring well use: ☐ Depth ☒ Quality ☐ Chloride  
Vadose device installation: ☐ Vapor ☐ Interface ☐ Suction Lysimeter

*Russell Johnson*  
(Signature of Responsible Professional  
(No substitution of signature will be accepted))  
**C25723**

Registration No. Civil  
Engineer

OR

Certificate No. Engineering  
Geologist

## TOPOGRAPHIC FEATURES

Well is to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☒ On private property ☐ On SCVWD property  
Within 50 ft. of the top of a creek bank ☒ Yes ☐ No Within 50 ft. of any existing well ☐ Yes ☒ No  
Within 50 ft. of a sanitary sewer ☐ Yes ☒ No Within 150 ft. of a cesspool or seepage pit ☐ Yes ☒ No  
Within 100 ft. of a pit privy, septic tank, leachfield ☐ Yes ☒ No Other wells exist on this property ☐ Yes ☒ No  
Status: ☐ Active ☐ Inactive ☐ Abandoned

## CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 90-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

**EMCON for ARCO Products Company**

Signature of Well Owner/Agent

11/19/91

Date

**EMCON for Exploration Geoservices**

Signature of Driller/Agent

11/19/91

Date

## MONITORING WELL PLAN APPROVAL

City/County:

Approved by:

Date:

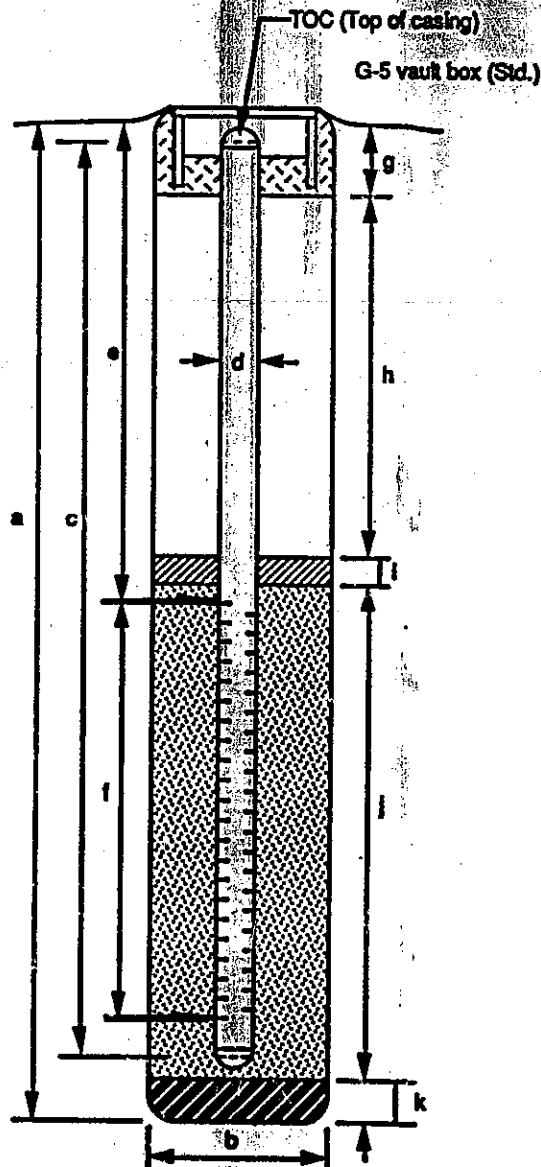
**IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 927-0710 Ext. 860. For weekends, holidays, after hours call (408) 395-8121 or (408) 927-0714.**



06S01E05Q32A

# WELL DETAILS

PROJECT NUMBER 805-73.19 BORING / WELL NO. MW-10  
 PROJECT NAME Arco Service Station No. 2100 TOP OF CASING ELEV. \_\_\_\_\_  
 LOCATION 98 S. Park Victoria, Milpitas, CA GROUND SURFACE ELEV. \_\_\_\_\_  
 WELL PERMIT NO. \_\_\_\_\_ DATUM MSL  
 INSTALLATION DATE 11/26/91



## EXPLORATORY BORING

a. Total depth 35.0 ft.  
 b. Diameter 8 in.  
 Drilling method Hollow-Stem Augers

## WELL CONSTRUCTION

c. Total casing length 35.0 ft.  
 Material Schedule 40 PVC  
 d. Diameter 2 in.  
 e. Depth to top perforations 20.0 ft.  
 f. Perforated length 15.0 ft.  
 Perforated interval from 20.0 to 35.0 ft.  
 Perforation type Machine Slotted  
 Perforation size 0.020 inch  
 g. Surface seal \_\_\_\_\_ ft.  
 Material \_\_\_\_\_  
 h. Backfill 11.0 ft.  
 Material Cement-sand slurry  
 i. Seal 7.0 ft.  
 Material Bentonite Pellets  
 j. Gravel pack \_\_\_\_\_ ft.  
 Gravel pack interval from \_\_\_\_\_ to \_\_\_\_\_ ft.  
 Material Lonestar 2/12 sand  
 k. Bottom seal/tilt NA ft.  
 Material \_\_\_\_\_

Form prepared by CAS

91W2493

⑤



# 98 S. Park Victoria



APN: 08804061  
\*no Site Address\*  
CA

## Well Annotations- 1 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	06S01E05Q024	89W1761	MW-5	Other-Active	6159830	1983319

### Wells.shp

- ⊕ Water Supply - Active
- ⊞ Water Supply - Standby
- Water Supply - Inactive
- ⊕ Extraction (Env) - Active
- Extraction (Env) - Inactive
- ⊕ Other - Active
- Other - Inactive
- \* Abandoned
- ⊕ Destroyed
- ▲ Status Undetermined

### Parcels.shp

- ▲ Fuelleak.shp
- VALFLOOR.SHP
- Zone 1
- Zone 2
- Zone 3
- Zone 4
- Zone 5

Approximate Scale

150 0 150 300 Feet



# WELL DESTRUCTION APPLICATION

FC 198w (12-16-02)

Page 1 of 4

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00635

<b>Well Owner:</b> Atlantic Richfield Company	<b>Property Owner:</b> Mr. Bertram Berns	<b>Name of Business/Residence at Well Site:</b> ARCO Service Station #2100	
<b>Well Owner's Mailing Address:</b> P.O. Box 6549	<b>Property Owner's Mailing Address:</b> 1245 South Winchester Blvd.	<b>Address of Well Site:</b> 98 South Park Victoria	
<b>City, State, Zip:</b> Moraga, CA 94570	<b>City, State, Zip:</b> San Jose, CA 95128	<b>City, State, Zip:</b> Milpitas, CA	
<b>Telephone No.:</b> 925-299-8891	<b>Telephone No.:</b> 408-249-1440	<b>Assessor's Parcel Number of Well Site:</b> Book: 088 Page: 04 Parcel: 078	
<b>Consultant:</b> URS Corporation		<b>Drilling Company:</b> Gregg Drilling	
<b>Address:</b> 1333 Broadway, Suite 800		<b>Address:</b> 950 Howe Road	
<b>City, State, Zip:</b> Oakland, CA 94612		<b>City, State, Zip:</b> Martinez, CA 94553	
<b>Telephone No.:</b> 510-874-3026 / John McCain		<b>Telephone No.:</b> 925-313-5800	<b>C-57 License No.:</b> 485165
<input type="checkbox"/> Check if address or phone number has changed.		<input type="checkbox"/> Check if address or phone number has changed.	

**All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.**

## Well Information

<b>Well Registration No.:</b> 06SC1E05Q039	<b>Owner/Consultant Well No.:</b> MW-11	<b>Original Well Construction Permit No.:</b> 91W2494
<b>Well Casing Depth:</b>	<b>Total Boring Depth:</b>	<b>Well Casing Diameter:</b>

## THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station 2100

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

☐ Well on SCVWD property/easement\* ☐ Well is within 50 feet of the top of a creek/river bank\* (\* See General Conditions, E.)

**Well Description:**

☒ Vertical Well ☐ Dewatering Well ☐ Elevator Shaft ☐ Multiple Casing ☐ Horizontal Wall ☐ Pit Well

**Well Type:** check all that apply

☐ Water Producing (supply or extraction) ☐ Contamination Cleanup ☐ Agricultural ☐ Domestic ☐ Municipal & Industrial ☐ Vapor Extraction

☒ Monitoring ☐ Inclinator ☐ Groundwater ☐ Vadose ☐ Piezometer ☐ Interface ☐ Suction Lysimeter ☐ Seismic

☐ Injection/Infiltration ☐ Contamination Cleanup ☐ Reclaimed Water ☐ Air Sparging

☐ Cathodic Protection

## Additional Questions For Water Producing Wells

Does the well have:

- Outer conductor casing? ☐ Yes ☐ No
- Annular cement seal outside of casing at surface? ☐ Yes ☐ No
- A S.C.V.W.D. water meter attached? ☐ Yes ☐ No

**Type of Original Drilling Method:**

☐ Rotary ☐ Cable-Tool ☐ Hand Dug Pit Well ☐ Hollow Stem Auger ☐ Other:

## IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.  
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2667, Ext. 2120.  
Please allow 10 working days to process permit application.

SEP 7 2005

S.C.V.W.D.



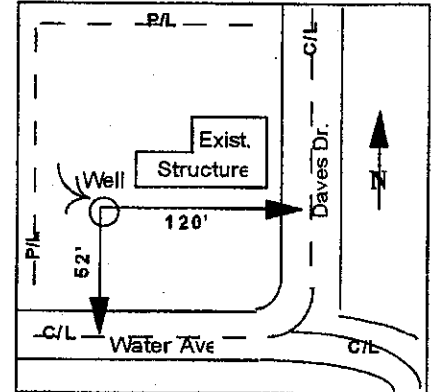
Site Plan

WELL LOCATION

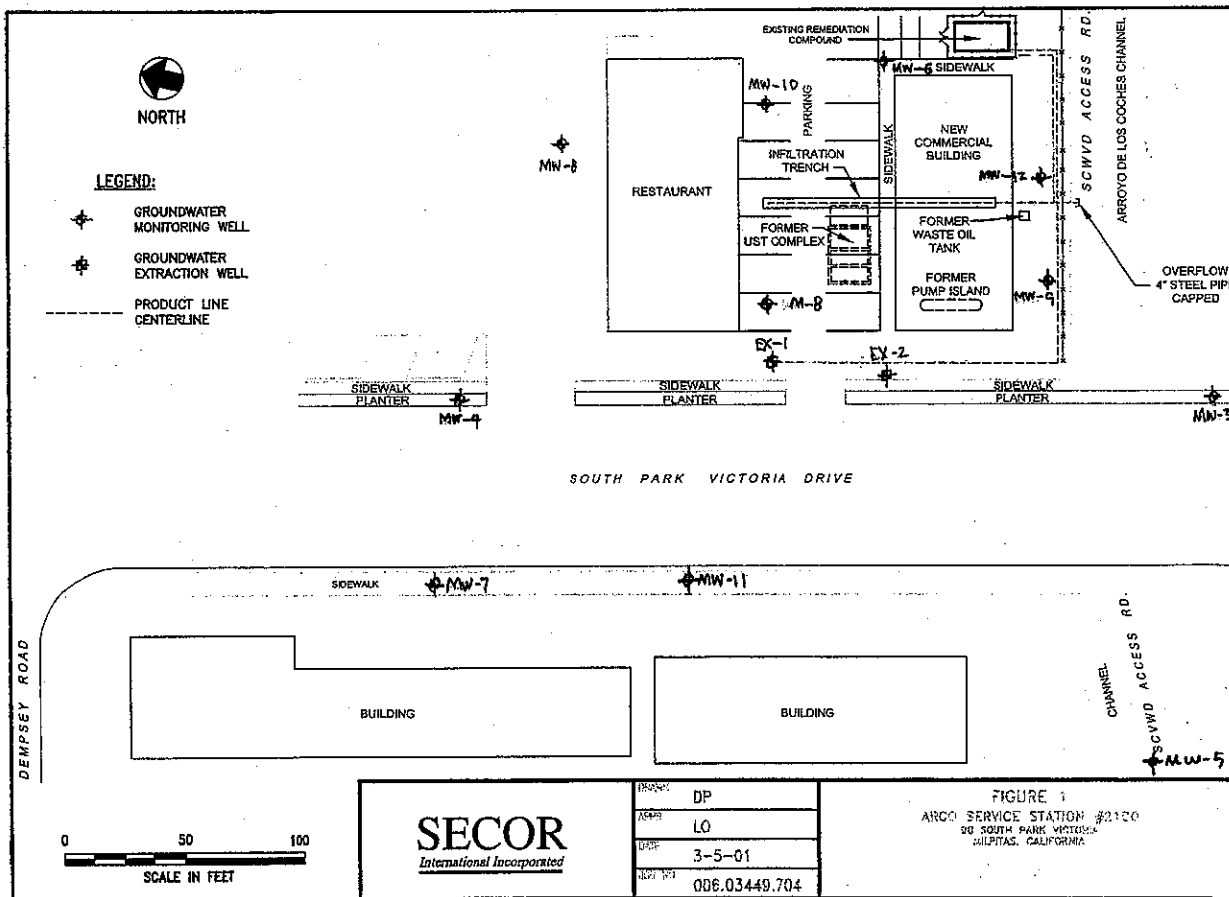
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described above:



Please allow 10 working days to process this application.



Please describe, in detail, the proposed destruction method\*:

Well destruction via pressure grout according to SCVWD guidelines.

\* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: <i>Jimmie O'Neil / URS for Atlantic Richfield Co</i>	Print Name: Jacob Henry/ URS for Atlantic Richfield Co	Date: 9/19/05
Signature of Driller/Agent: <i>Jimmie O'Neil / URS for Gregg</i>	Print Name: Jacob Henry/ URS for Gregg Drilling	Date: 9/19/05
Signature of Consultant (if any): <i>Jimmie O'Neil / URS</i>	Print Name: Jacob Henry/ URS	Date: 9/19/05

## DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 35 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of \_\_\_\_\_ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: \_\_\_\_\_

☐ Other: \_\_\_\_\_

Permit Approved By: <i>B. Carr</i>		Date: <i>9/21/05</i>	
District Permit No.: <i>05D00635</i>	Date Issued: <i>9-22-05</i>	Expiration Date: <i>3-22-06</i>	Driller's Log No.: <i>030204</i>

Please allow 10 working days to process this application.

**GENERAL CONDITIONS**

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

**Please allow 10 working days to process this application.**

Santa Clara Valley Water District



# WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

From: WELL SECTION	Date: 12-3-91	Permit No.: 91W 2494
Inspector: Dave C. Borge	Date of inspection: 11-26-91	Well Registration No.: MW-11 06SIE05Q30A
Well Owner: ARCO PRODUCTS CO.		
Address of Well Site: 98 S. PARK VICTORIA		City or County: Milpitas
Drilling Company: Exp. Geo Services	Consultant: EM CAN	

## PURPOSE OF WELL:

- ☐ Domestic
- ☐ Agricultural
- ☐ Municipal/Industrial
- ☐ Cathodic Protection

## \*Monitoring Well Use

- ☐ \*Vadose
- ☒ \*Groundwater
- ☐ \*Other

- Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
- Depth of Surface Annular Seal = 18'

Comments: TD - 35' 2" PVC Casing - 35'  
18' seal - cement, bentonite grout  
Hollow Stem Auger

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittee Goldenrod - City/County

①

Santa Clara Valley Water District  
5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

# WELL CONSTRUCTION APPLICATION

FC 158 (10-25-90) (DP 4-901)

TO BE COMPLETED BY DISTRICT		
District Permit No.: <u>91W2494</u>	Date issued: <u>11-20-91</u>	Well Registration No.: <u>0651E05Q30A</u>
Geologic Setting: <u>3</u>	Expiration Date: <u>5-20-92</u>	Driller's Log No.: <u>398074</u>

TO BE COMPLETED BY OWNER AND DRILLER		
Property Owner: SCVWD	Well Owner (if different): ARCO Products Company	Drilling Co.: Exploration Geoservices
Address: 5750 Aladen Expressway	Address of Well Site: 98 South Park Victoria	Driller's Contractors License Number (C-57 Req'd): C57-484288
City, State, Zip: San Jose, Ca. 95118	City, State, Zip: Milpitas, Ca. 95035	Address: 1535 Industrial Way
Telephone No.: 408-265-2600	Telephone No.: NA	City, State, Zip: San Jose, Ca. 95112
Assessor's Parcel No. of Well site: Book <u>88</u> Page <u>4</u> Parcel <u>074</u>	Owner's/Consultant's Well No.: MW-11	Telephone No.: 408-280-6822

Estimated depth of completed well: ☒ Less than 50 ft. ☐ 50 to 300 ft. ☐ Over 300 ft.

Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ \*Monitoring ☐ Cathodic Protection

\*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive air samples for analysis. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

## THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies ☐ Extraction/Recovery

☐ Other (specify):

NAME OF BUSINESS AT WELL SITE: Former ARCO Service Station

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No

If yes, give name of City or County:

EMCON Associates

Consultant's Name (Company):

1921 Ringwood Ave.

Address:

San Jose, Ca. 95131

City, State, Zip:

408-453-7300

Telephone No.:

Type of monitoring device: ☒ Groundwater ☐ Vadose

Type of extraction device: ☐ Groundwater ☐ Vadose

Monitoring well use: ☐ Depth ☒ Quality ☐ Chloride

Vadose device installation: ☐ Vapor ☐ Interface ☐ Suction Lysimeter

Russell Schuchman  
Signature of Responsible Professional  
(No substitution of signature will be accepted)

Registration No. Civil Engineer OR Certificate No. Engineering Geologist

## TOPOGRAPHIC FEATURES

Well is to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☐ On private property ☐ On SCVWD property

Within 50 ft. of the top of a creek bank ☒ Yes ☐ No Within 50 ft. of any existing well ☐ Yes ☒ No

Within 50 ft. of a sanitary sewer ☐ Yes ☒ No Within 150 ft. of a cesspool or seepage pit ☐ Yes ☒ No

Within 100 ft. of a pit privy, septic tank, leachfield ☐ Yes ☒ No Other wells exist on this property ☐ Yes ☒ No

Status: ☐ Active ☐ Inactive ☐ Abandoned

## CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 90-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

EMCON for ARCO Products

Signature of Well Owner/Agent

11/19/91

Date

EMCON for Exploration Geoservices

Signature of Driller/Agent

11/19/91

Date

## MONITORING WELL PLAN APPROVAL

City/County:

Approved by:

Date:

**IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 927-0710 Ext. 660. For weekends, holidays, after hours call (408) 395-8121 or (408) 927-0714.**

ORIGINAL  
File with DWR

Page 1 of 1

Owner's Well No. MW-11

Date Work Began 11/27/91

Local Permit Agency SAN JOSE

Permit No. 91W2194

STATE OF CALIFORNIA  
WELL COMPLETION REPORT  
Refer to Instruction Pamphlet

No. 398074

Permit Date 11-20-91

DWR USE ONLY - DO NOT FILL IN

D.B.S. 10.1 E 10.5 N 13.0 A

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (Z) ☒ VERTICAL ☐ HORIZONTAL ☐ ANGLE ☐ (SPECIFY)

DEPTH TO FIRST WATER 22.5' BELOW SURFACE

DEPTH FROM SURFACE

Fl. to Fl.

DESCRIPTION

Describe material, grain size, color, etc.

0	0.5	CONCRETE
0.5	1.0	FILL, CLAYEY SAND, olive yellow (2.5Y, 6/6); medium dense; damp
1.0	9.0	SANDY CLAY (CL), dark brown (10YR, 20% fine to coarse sand; 10% fine to coarse gravel; very stiff; damp
9.0	10.5	CLAYEY SAND (SC), yellowish brown (10YR, 6/4); 35% fines; damp
10.5	12.5	SANDY CLAY (CL), yellowish brown (10YR, 6/4); 15% fine sand; damp
12.5	15.0	CLAYEY SAND (SC), yellowish brown (10YR, 6/4); 25% fines; damp
15.0	22.0	SANDY CLAY (CL), yellowish brown (10YR, 6/4); 25% fine sand;
22.0	22.5	CLAYEY GRAVEL (GC), dark brown (2.5Y, 4/4); damp; strong product of
22.5	24.0	CLAYEY SAND (SC), olive brown (2.5Y, 4/4); 15-20% fines; dense; wet
24.0	25.0	CLAYEY GRAVEL (GC), olive brown (2.5Y, 4/4); 20% fines; 25% sand; 45% gravel; dense; wet
25.0	27.5	CLAY (CL), olive brown (2.5Y, 3/3); 5% sand; very stiff; wet
27.5	31.0	CLAYEY SAND (SC), olive brown (2.5Y, 4/3); 25% fines; loose; moist
31.0	34.5	CLAY (CH), light olive brown (2.5Y, 5/6); 5% fine sand; very stiff; moist

TOTAL DEPTH OF BORING 34.5 (Feet)

TOTAL DEPTH OF COMPLETED WELL 34.5 (Feet)

WELL OWNER

Name ARCO Products Company

Mailing Address 98 South Park Victoria

City Milpitas, CA 95035

WELL LOCATION

Address same as above

City

County

ADJ. Book 88 Page 4 Parcel 074

Township Range Section

Latitude Longitude

LOCATION SKETCH

NORTH

EAST

ACTIVITY (Z)

☒ NEW WELL

MODIFICATION/REPAIR

Deepen

Other (Specify)

DESTROY (Describe Procedure and Materials Under "GEOLOGIC LOG")

PLANNED USE(S) (Z)

☒ MONITORING

WATER SUPPLY

Domestic

Public

Irrigation

Industrial

"TEST WELL"

CATHODIC PROTECTION

OTHER (Specify)

DRILLING METHOD Hollow-stem augers FLUID NA

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL NA (Fl.) & DATE MEASURED NA

ESTIMATED YIELD NA (GPM) & TEST TYPE NA

TEST LENGTH NA (hrs) TOTAL DRAWDOWN NA (Fl.)

\* May not be representative of a well's long-term yield.

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	CASING(S)						DEPTH FROM SURFACE	ANNULAR MATERIAL			
		TYPE (Z)	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	FL. to FL.		CE-MENT TONITE (Z)	BEN-TOINITE (Z)	FILL (Z)	FILTER PACK (TYPE/SIZE)
0	18	8	x		PVC	2	Sch 40		0	1.0	concrete	
18	34.5	8	x		PVC	2	Sch 40	0.020	1	15.0	x	
									15	16.5	x	
									16.5	18.5		
										34.5		2/12 Sand

ATTACHMENTS (Z)

Geologic Log

Well Construction Diagram

Geophysical Log(s)

Soil/Water Chemical Analyses

Other

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Emcon for Exploration Geoservices

PERSON, FIRM, OR CORPORATION, (PRINTED) 535 Industrial Way San Jose

ADDRESS 1921 Rinalda Dr., San Jose, CA 05131 CA 95112

Signed Emcon for Exploration Geoservices 11/27/92

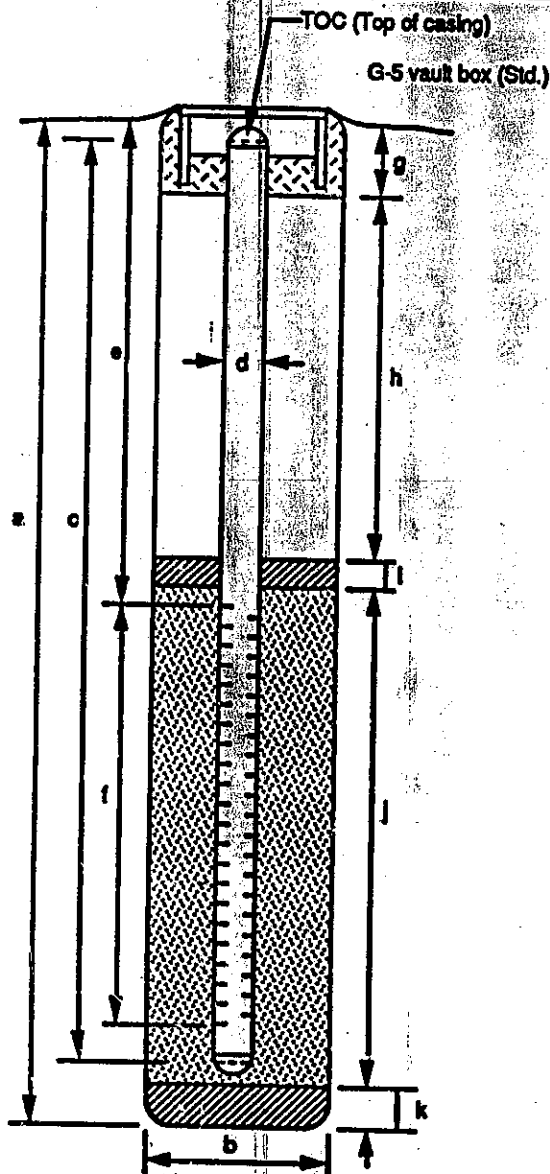
DATE SIGNED 11/27/92 484288

DAY MONTH YEAR

06S01E05 Q 30A

**WELL DETAILS**

PROJECT NUMBER 805-73.19 BORING / WELL NO. MW-11  
 PROJECT NAME Arco Service Station No. 2100 TOP OF CASING ELEV. \_\_\_\_\_  
 LOCATION 98 S. Park Victoria, Milpitas, CA. GROUND SURFACE ELEV. \_\_\_\_\_  
 WELL PERMIT NO. \_\_\_\_\_ DATUM MSL  
 INSTALLATION DATE 11/27/91

**EXPLORATORY BORING**

a. Total depth 34.5 ft.  
 b. Diameter 8 in.  
 Drilling method Hollow-Stem Augers

**WELL CONSTRUCTION**

c. Total casing length 34.5 ft.  
 Material Schedule 40 PVC  
 d. Diameter 4.5 in.  
 e. Depth to top perforations 18.0 ft.  
 f. Perforated length 16.5 ft.  
 Perforated interval from 18.0 to 34.5 ft.  
 Perforation type Machine Slotted  
 Perforation size 0.020 inch  
 g. Surface seal \_\_\_\_\_ ft.  
 Material \_\_\_\_\_  
 h. Backfill 15.0 ft.  
 Material Cement-sand slurry  
 i. Seal 1.5 ft.  
 Material Bentonite Pellets  
 j. Gravel pack \_\_\_\_\_ ft.  
 Gravel pack interval from \_\_\_\_\_ to \_\_\_\_\_ ft.  
 Material Lonestar 2/12 sand  
 k. Bottom seal/fill NA ft.  
 Material \_\_\_\_\_

Form prepared by CAS

91W2494

(5)



# 98 S. Park Victoria



APN: 08804061  
\*no Site Address\*  
CA

Well Annotations- 1 Wells Selected

No	Well_nbr	Permit	Consultum	Status	Easting	Northing
1	06S01E05Q024	89W1761	MW-5	Other-Active	6159830	1983319

- Wells.shp
- Water Supply - Active
  - Water Supply - Standby
  - Water Supply - Inactive
  - Extraction (Env) - Active
  - Extraction (Env) - Inactive
  - Other - Active
  - Other - Inactive
  - Abandoned
  - Destroyed
  - Status Undetermined
- Parcels.shp
- Fuelleak.shp
- VALFLOOR.SHX
- Zone 1
  - Zone 2
  - Zone 3
  - Zone 4
  - Zone 5

Approximate Scale  
150 0 150 300 Feet

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05800630

<b>Well Owner:</b> Atlantic Richfield Company	<b>Property Owner:</b> Mr. Bertram Berns	<b>Name of Business/Residence at Well Site:</b> ARCO Service Station #2100
<b>Well Owner's Mailing Address:</b> P.O. Box 6549	<b>Property Owner's Mailing Address:</b> 1245 South Winchester Blvd.	<b>Address of Well Site:</b> 98 South Park Victoria
<b>City, State, Zip:</b> Moraga, CA 94570	<b>City, State, Zip:</b> San Jose, CA 95128	<b>City, State, Zip:</b> Milpitas, CA
<b>Telephone No.:</b> 925-299-8891	<b>Telephone No.:</b> 408-249-1440	<b>Assessor's Parcel Number of Well Site:</b> Book: 088 Page: 04 Parcel: 078
<b>Consultant:</b> URS Corporation	<b>Drilling Company:</b> Gregg Drilling	
<b>Address:</b> 1333 Broadway, Suite 800	<b>Address:</b> 950 Howe Road	
<b>City, State, Zip:</b> Oakland, CA 94612	<b>City, State, Zip:</b> Martinez, CA 94553	
<b>Telephone No.:</b> 510-874-3026 / John McCain	<b>Telephone No.:</b> 925-313-5800	<b>C-57 License No.:</b> 485165
<input type="checkbox"/> Check if address or phone number has changed.		<input type="checkbox"/> Check if address or phone number has changed.

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

## Well Information

<b>Well Registration No.:</b> 06S01E05Q045	<b>Owner/Consultant Well No.:</b> MW-12	<b>Original Well Construction Permit No.:</b> 92W1098
<b>Well Casing Depth:</b> 35	<b>Total Boring Depth:</b> 36	<b>Well Casing Diameter:</b> 2

## THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station 2100

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

☐ Well on SCVWD property/easement\* ☒ Well is within 50 feet of the top of a creek/river bank\* (\* See General Conditions, E.)

**Well Description:**

☒ Vertical Well ☐ Dewatering Well ☐ Elevator Shaft ☐ Multiple Casing ☐ Horizontal Wall ☐ Pit Well

**Well Type:** check all that apply

☐ Water Producing (supply or extraction) ☐ Contamination Cleanup ☐ Agricultural ☐ Domestic ☐ Municipal & Industrial ☐ Vapor Extraction

☒ Monitoring ☐ Inclinator ☐ Groundwater ☐ Vadose ☐ Piezometer ☐ Interface ☐ Suction Lysimeter ☐ Seismic

☐ Injection/Infiltration ☐ Contamination Cleanup ☐ Reclaimed Water ☐ Air Sparging

☐ Cathodic Protection

## Additional Questions For Water Producing Wells

Does the well have:

- Outer conductor casing? ☐ Yes ☐ No
- Annular cement seal outside of casing at surface? ☐ Yes ☐ No
- A S.C.V.W.D. water meter attached? ☐ Yes ☐ No

**Type of Original Drilling Method:**

☐ Rotary ☐ Cable-Tool ☐ Hand Dug Pit Well ☐ Hollow Stem Auger ☐ Other: \_\_\_\_\_

## IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.  
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.  
Please allow 10 working days to process permit application.

SEP 7 2005

S.C.V.W.D.  
WELLS

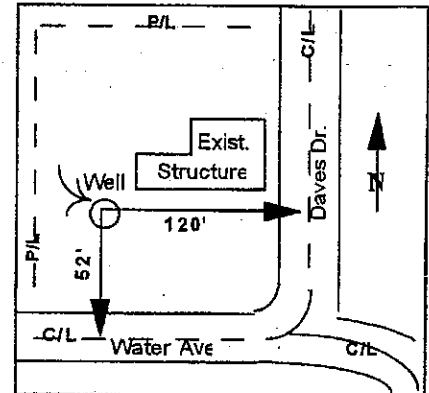
Site Plan

WELL LOCATION

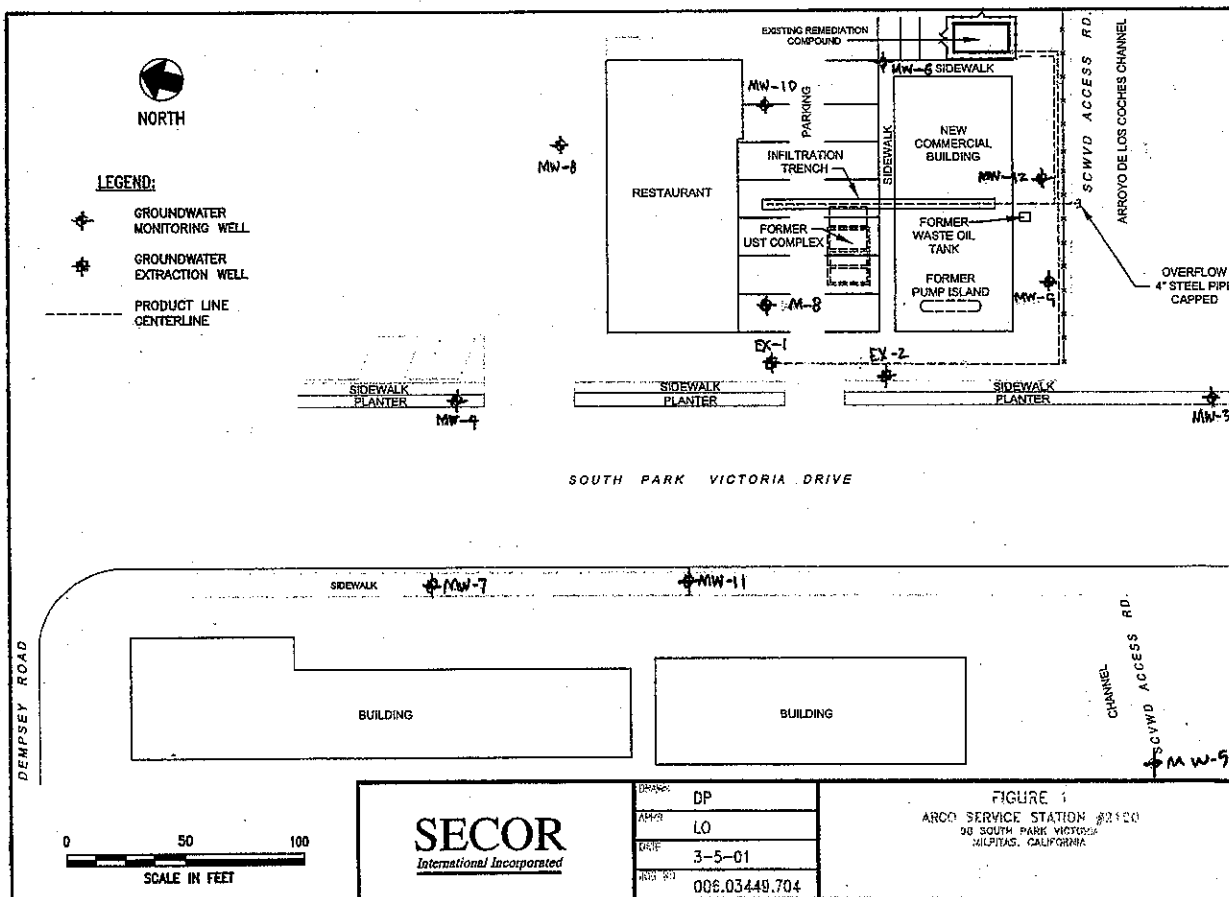
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described above:



Please allow 10 working days to process this application.



Please describe, in detail, the proposed destruction method\*:

Well destruction via pressure grout according to SCVWD guidelines.

\* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

**NOTE:** All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: 	Print Name: Jacob Henry/ URS for Atlantic Richfield Co A.F.	Date: 9/19/05
Signature of Driller/Agent: 	Print Name: Jacob Henry/ URS for Gregg Drilling A.F.	Date: 9/19/05
Signature of Consultant (if any): 	Print Name: Jacob Henry/ URS A.F.	Date: 9/19/05

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

**NOTE:** Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 36 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of \_\_\_\_\_ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). **NOTE:** Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: \_\_\_\_\_

☐ Other: \_\_\_\_\_

Permit Approved By: 		Date: 9-14-05	
District Permit No.: 05D00630	Date Issued: 9-21-05	Expiration Date: 3-21-06	Driller's Log No.: 030199

Please allow 10 working days to process this application.

**GENERAL CONDITIONS**

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District



# WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

From:	WELL SECTION	Date:	9/22/92	Permit No.:	92W1098
Inspector:	Anne Cooper	Date of Inspection:	7/21/92	Well Registration No.:	(MW-12) 06SIE05Q36A
Well Owner:	ARCO				
Address of Well Site:			City or County:		
98 S. Park Victoria			Milpitas		
Drilling Company:			Consultant:		
Exploration GeoServices			Emcon		

## PURPOSE OF WELL:

- ☐ Domestic
- ☐ Agricultural
- ☐ Municipal/Industrial
- ☐ Cathodic Protection

## \*Monitoring Well Use

- ☐ \*Vadose
- ☒ \*Groundwater
- ☐ \*Other

1. Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
2. Depth of Surface Annular Seal = 13'

Comments: HSA

ID: 36' BDC: 35' Screen: 35-15' Bentonite: 13-11' Cement: 11-0'

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittee Goldenrod - City/County

①

Santa Clara Valley Water District  
5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

# WELL CONSTRUCTION APPLICATION

FC 158 (10-25-90) (DP 4-901)

TO BE COMPLETED BY DISTRICT		
District Permit No.: <u>92W1098</u>	Date Issued: <u>6-29-92</u>	Well Registration No.: <u>0651E05Q56A</u>
Geologic Setting: <u>1</u>	Expiration Date: <u>12-29-92</u>	Driller's Log No.: <u>424098</u>

TO BE COMPLETED BY OWNER AND DRILLER		
Property Owner: <u>ARCO Products Company</u>	Well Owner (if different): <u>ARCO Products Company</u>	Drilling Co.: <u>Exploration GeoServices</u>
Address: <u>P.O. Box 5811</u>	Address of Well Site: <u>98 South Park Victoria Drive</u>	<u>1535 Industrial Ave</u>
City, State, Zip: <u>San Mateo, CA. 94402</u>	City, State, Zip: <u>Milpitas, CA. 95035</u>	<u>San Jose, CA 95112</u>
Telephone No.: <u>415-571-2434</u>	Telephone No.:	<u>(408) 280-6822</u>
Assessor's Parcel No. of Well site: Book <u>88</u> Page <u>04</u> Parcel <u>074</u>	Owner's/Consultant's Well No.: <u>MW-12</u>	<u>C57-484288</u>

Estimated depth of completed well: ☒ Less than 50 ft. ☐ 50 to 300 ft. ☐ Over 300 ft.

Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☐ \*Monitoring ☐ Cathodic Protection

\*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive air samples for analysis. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

**THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS**

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies ☐ Extraction/Recovery

☐ Other (specify): \_\_\_\_\_

NAME OF BUSINESS AT WELL SITE: Vacant Lot

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No

If yes, give name of City or County: \_\_\_\_\_

Consultant's Name (Company): <u>EMCON Associates</u>	Type of monitoring device: <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Vadose
Address: <u>1921 Ringwood Ave.</u>	Type of extraction device: <input type="checkbox"/> Groundwater <input type="checkbox"/> Vadose
City, State, Zip: <u>San Jose, CA. 95131</u>	Monitoring well use: <input checked="" type="checkbox"/> Depth <input checked="" type="checkbox"/> Quality <input type="checkbox"/> Chloride
Telephone No.: <u>408-453-7300</u>	Vadose device installation: <input type="checkbox"/> Vapor <input type="checkbox"/> Interface <input type="checkbox"/> Suction Lysimeter
	Signature of Responsible Professional (No substitution of signature will be accepted) <u>Russell Schmitt</u> <u>C25723</u>
	Registration No. Civil Engineer OR Certificate No. Engineering Geologist

**TOPOGRAPHIC FEATURES**

Well is to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☒ On private property ☐ On SCVWD property

Within 50 ft. of the top of a creek bank: ☒ Yes ☐ No Within 50 ft. of any existing well: ☒ Yes ☐ No

Within 50 ft. of a sanitary sewer: ☒ Yes ☐ No Within 150 ft. of a cesspool or seepage pit: ☐ Yes ☒ No

Within 100 ft. of a pit privy, septic tank, leachfield: ☐ Yes ☒ No Other wells exist on this property: ☒ Yes ☐ No

Status: ☒ Active ☐ Inactive ☐ Abandoned

**CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:**

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 90-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this Application form.

EMCON for ARCO Products Company Signature of Well Owner/Agent	6/25/92 Date
EMCON for Bayland Drilling Signature of Driller/Agent	6/25/92 Date

**MONITORING WELL PLAN APPROVAL**

City/County: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

**IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 927-0710 Ext. 660. For weekends, holidays, after hours call (408) 395-8121 or (408) 927-0714.**

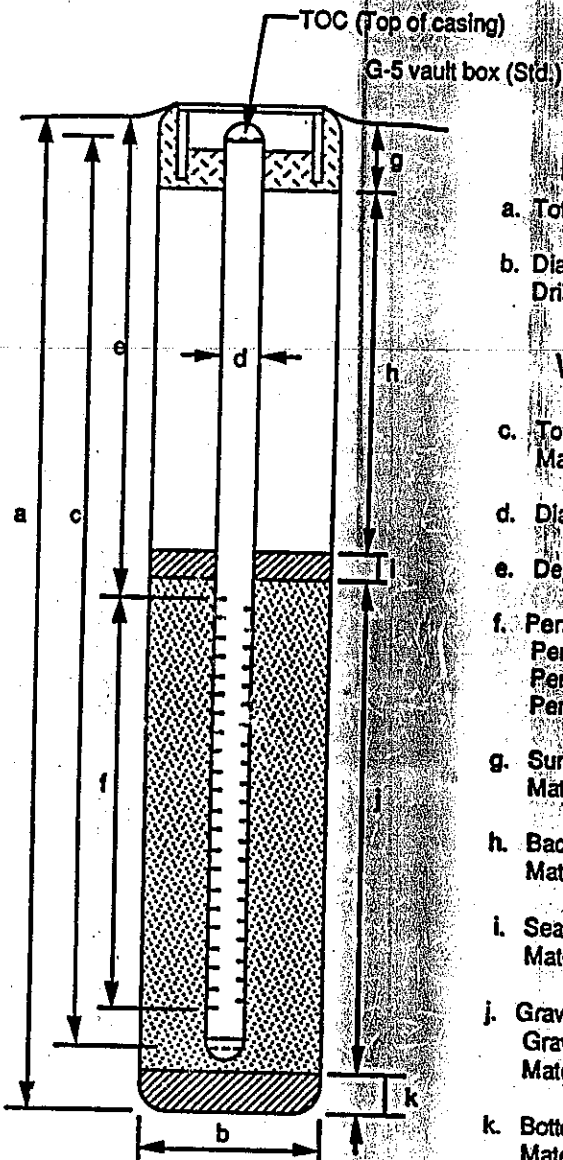
2



06501E05Q36A

## WELL DETAILS

PROJECT NUMBER 805-73.25 BORING / WELL NO. MW-12  
 PROJECT NAME ARCO 2100 TOP OF CASING ELEV. \_\_\_\_\_  
 LOCATION Milpitas, CA GROUND SURFACE ELEV. \_\_\_\_\_  
 WELL PERMIT NO. 92W1098 DATUM \_\_\_\_\_  
 INSTALLATION DATE 7/21/92



## EXPLORATORY BORING

a. Total depth 36.0 ft.  
 b. Diameter 8 in.  
 Drilling method Hollow-stem augers

## WELL CONSTRUCTION

c. Total casing length 35.0 ft.  
 Material Schedule 40 PVC  
 d. Diameter 2 in.  
 e. Depth to top perforations 15 ft.  
 f. Perforated length 20 ft.  
 Perforated interval from 15.0 to 35.0 ft.  
 Perforation type machine slot  
 Perforation size 0.020  
 g. Surface seal (0.0'-0.1') 1.0 ft.  
 Material Concrete  
 h. Backfill (1.0'-11.0') 10.0 ft.  
 Material 10 sack sand slurry  
 i. Seal (11.0'-13.0') 2.0 ft.  
 Material Bentonite  
 j. Gravel pack (13.0'-35.0') 22.0 ft.  
 Gravel pack interval from \_\_\_\_\_  
 Material Lonestar 2/12 Sand  
 k. Bottom seal/fill (35.0'-36.0') 1.0 ft.  
 Material Slough

Form prepared by T. Walker

5



# 98 S. Park Victoria



APN: 08804061  
\*no Site Address\*  
CA

Well Annotations- 1 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	06S01E05Q024	89W1761	MW-5	Other-Active	6159830	1983319

Wells.shp

- Water Supply - Active
- Water Supply - Standby
- Water Supply - Inactive
- Extraction (Env) - Active
- Extraction (Env) - Inactive
- Other - Active
- Other - Inactive
- Abandoned
- Destroyed
- Status Undetermined

Parcels.shp  
VALFLOOR.shp

- Zone 1
- Zone 2
- Zone 3
- Zone 4
- Zone 5

Approximate Scale

150 0 150 300 Feet



# WELL DESTRUCTION APPLICATION

FC 198w (12-16-02)

Page 1 of 4

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05800631

<b>Well Owner:</b> Atlantic Richfield Company	<b>Property Owner:</b> Mr. Bertram Berns	<b>Name of Business/Residence at Well Site:</b> ARCO Service Station #2100	
<b>Well Owner's Mailing Address:</b> P.O. Box 6549	<b>Property Owner's Mailing Address:</b> 1245 South Winchester Blvd.	<b>Address of Well Site:</b> 98 South Park Victoria	
<b>City, State, Zip:</b> Moraga, CA 94570	<b>City, State, Zip:</b> San Jose, CA 95128	<b>City, State, Zip:</b> Milpitas, CA	
<b>Telephone No.:</b> 925-299-8891	<b>Telephone No.:</b> 408-249-1440	<b>Assessor's Parcel Number of Well Site:</b> Book: 088 Page: 04 Parcel: 078	
<b>Consultant:</b> URS Corporation		<b>Drilling Company:</b> Gregg Drilling	
<b>Address:</b> 1333 Broadway, Suite 800		<b>Address:</b> 950 Howe Road	
<b>City, State, Zip:</b> Oakland, CA 94612		<b>City, State, Zip:</b> Martinez, CA 94553	
<b>Telephone No.:</b> 510-874-3026 / John McCain		<b>Telephone No.:</b> 925-313-5800	<b>C-57 License No.:</b> 485165
<input type="checkbox"/> Check if address or phone number has changed.		<input type="checkbox"/> Check if address or phone number has changed.	

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

## Well Information

<b>Well Registration No.:</b> 06S01E05 Q004	<b>Owner/Consultant Well No.:</b> EX-1	<b>Original Well Construction Permit No.:</b> 90W2146
<b>Well Casing Depth:</b> 40.0'	<b>Total Boring Depth:</b> 40.0'	<b>Well Casing Diameter:</b> 4.5"

## THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station 2100

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

<input type="checkbox"/> Well on SCVWD property/easement*	<input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank* (* See General Conditions, E.)
<b>Well Description:</b>	
<input checked="" type="checkbox"/> Vertical Well	<input type="checkbox"/> Dewatering Well
<input type="checkbox"/> Elevator Shaft	<input type="checkbox"/> Multiple Casing
<input type="checkbox"/> Horizontal Well	<input type="checkbox"/> Pit Well
<b>Well Type: check all that apply</b>	
<input type="checkbox"/> Water Producing (supply or extraction)	<input type="checkbox"/> Contamination Cleanup
<input type="checkbox"/> Agricultural	<input type="checkbox"/> Domestic
<input type="checkbox"/> Municipal & Industrial	<input type="checkbox"/> Vapor Extraction
<input checked="" type="checkbox"/> Monitoring	<input type="checkbox"/> Inclinator
<input type="checkbox"/> Groundwater	<input type="checkbox"/> Vadose
<input type="checkbox"/> Piezometer	<input type="checkbox"/> Interface
<input type="checkbox"/> Suction Lysimeter	<input type="checkbox"/> Seismic
<input type="checkbox"/> Injection/Infiltration	<input checked="" type="checkbox"/> Contamination Cleanup
<input type="checkbox"/> Reclaimed Water	<input type="checkbox"/> Air Sparging
<input type="checkbox"/> Cathodic Protection	

## Additional Questions For Water Producing Wells

<b>Does the well have:</b>	1. Outer conductor casing?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	2. Annular cement seal outside of casing at surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	3. A S.C.V.W.D. water meter attached?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<b>Type of Original Drilling Method:</b>			
<input type="checkbox"/> Rotary	<input type="checkbox"/> Cable-Tool	<input type="checkbox"/> Hand Dug Pit Well	<input type="checkbox"/> Hollow Stem Auger
<input type="checkbox"/> Other: _____			

## IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.  
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.  
Please allow 10 working days to process permit application.

SEP 7 2005



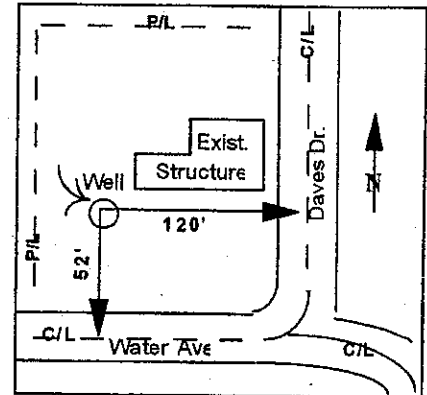
Site Plan

WELL LOCATION

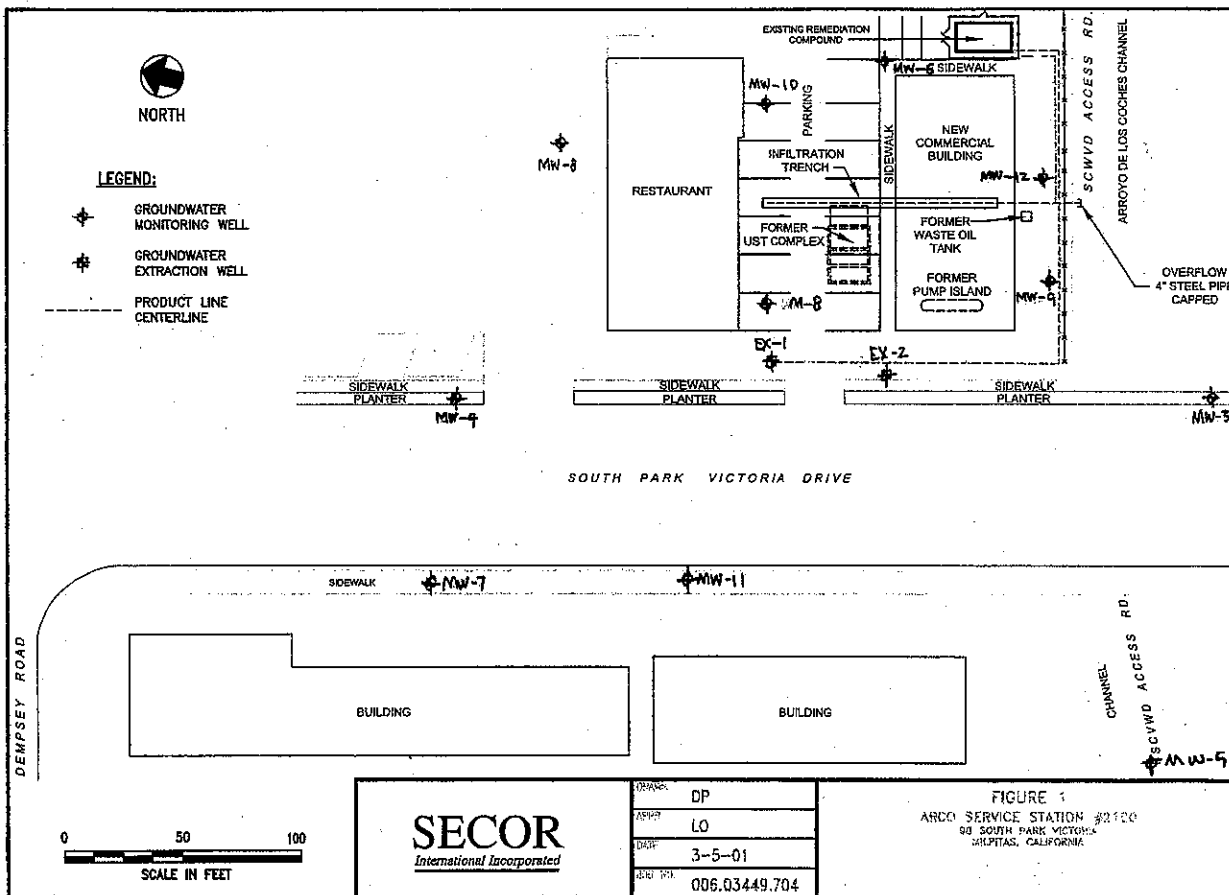
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described above:



Please allow 10 working days to process this application.



Please describe, in detail, the proposed destruction method\*:

Well destruction via pressure grout according to SCVWD guidelines.

\* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: 	Print Name: Jacob Henry/ URS for Atlantic Richfield Co A.F.	Date: 9/19/05
Signature of Driller Agent: 	Print Name: Jacob Henry/ URS for Gregg Drilling A.F.	Date: 9/19/05
Signature of Consultant (if any): 	Print Name: Jacob Henry/ URS A.F.	Date: 9/19/05

## DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 40 feet, with a minimum bore of 12 inches.

☐ Clean out well casing to a total depth of \_\_\_\_\_ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: \_\_\_\_\_

☐ Other: \_\_\_\_\_

Permit Approved By: 	Date: 9-14-05
District Permit No.: 05D00631	Date Issued: 9-21-05
Expiration Date: 3-21-06	Driller's Log No.: 030200

Please allow 10 working days to process this application.

**GENERAL CONDITIONS**

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District



WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

From: WELL SECTION	Date: 10-19-90	Permit No.: 90W2146
Inspector: Bill Cameron	Date of Inspection: 10-18-90	Well Registration No.: E-1 06SIE05004
Well Owner: ARCO		
Address of Well Site: 98 S. Park Victoria		City or County: Milpitas
Drilling Company: Bayland	Consultant: EMCON	

PURPOSE OF WELL:

- ☐ Domestic
- ☐ Agricultural
- ☐ Municipal/Industrial
- ☐ Cathodic Protection

Monitoring Well Use

- ☐ \*Vadose
- ☒ \*Groundwater Extraction
- ☐ \*Other

- Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
- Depth of Surface Annular Seal = 15'

Comments: TD = 40' Hollow Stem  
 TS = 15' Neat Cement  
 Bent = 2'

Distribution: White - Well Section Yellow - Water Revenue Pink - Permittee Goldenrod - City/County

①

Santa Clara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

# WELL CONSTRUCTION APPLICATION

FC 155 (12-08-89) (DP 4-901)

TO BE COMPLETED BY DISTRICT		
District Permit No.: <b>90W2146</b>	Date issued: <b>10-16-90</b>	Well Registration No.: <b>06SIE05004</b>
Geologic Setting: <b>3</b>	Expiration Date: <b>4-16-91</b>	Driller's Log No.: <b>362286</b>

TO BE COMPLETED BY OWNER AND DRILLER		
Property Owner: <b>Arco Products Company</b>	Well Owner (if different):	Drilling Co.: <b>Bayland Drilling</b>
Address: <b>Box 5811</b>	Address of Well Site: <b>98 South Park Victoria Dr.</b>	Driller's Contractors License Number (C-57 Req'd): <b>C57-374152</b>
City, State, Zip: <b>San Mateo, CA 94402</b>	City, State, Zip: <b>Milpitas, CA</b>	Address: <b>555-D Pilgrim Dr.</b>
Telephone No.: <b>415-571-2434</b>	Telephone No.: <b>N/A</b>	City, State, Zip: <b>Foster City, CA 94404</b>
Assessor's Parcel No. of Well site: Book <b>BB</b> Page <b>4</b> Parcel <b>074</b>	Owner's/Consultant's Well No.: <b>E-1</b>	Telephone No.: <b>415-574-4880</b>

Estimated depth of completed well: ☒ Less than 50 ft. ☐ 50 to 300 ft. ☐ Over 300 ft.

Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ Monitoring ☐ Cathodic Protection

\*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive air samples for analysis. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

**THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS**

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☐ Exploration studies ☒ Extraction/Recovery

☐ Other (specify):

NAME OF BUSINESS AT WELL SITE: **Former Arco Service Station #2100**

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No

If yes, give name of City or County:

Consultant's Name (Company): <b>EMCON Associates</b>	Type of monitoring device: <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Vadose
Address: <b>1921 Ringwood Ave.</b>	Monitoring well use: <input checked="" type="checkbox"/> Depth <input checked="" type="checkbox"/> Quality <input type="checkbox"/> Chloride
City, State, Zip: <b>San Jose, CA 95131</b>	Vadose device installation: <input type="checkbox"/> Vapor <input type="checkbox"/> Interface <input type="checkbox"/> Suction Lysimeter
Telephone No.: <b>408-453-7300</b>	Signature of Responsible Professional (No substitution of signature will be accepted) <b>CEG 1499</b>
	Registration No. Civil Engineer OR Certificate No. Engineering Geologist

**TOPOGRAPHIC FEATURES**

Well is to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☒ On private property ☐ On SCVWD property

Within 50 ft of the top of a creek bank: ☐ Yes ☒ No

Within 50 ft. of a sanitary sewer: ☐ Yes ☒ No

Within 100 ft. of a pit privy, septic tank, leachfield: ☐ Yes ☒ No

Within 50 ft. of any existing well: ☒ Yes ☐ No

Within 150 ft of a cesspool or seepage pit: ☐ Yes ☒ No

Other wells exist on this property: ☒ Yes ☐ No

Status: ☐ Active ☒ Inactive ☐ Abandoned

## CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 85-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

EMCON Assoc. for ARCO *[Signature]* **10/12/90**  
Signature of Well Owner/Agent Date

EMCON Assoc. for Bayland Drilling *[Signature]* **10/12/90**  
Signature of Driller/Agent Date

**MONITORING WELL PLAN APPROVAL**

City/County: \_\_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

**IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 927-0710 Ext. 660. For weekends, holidays, after hours call (408) 395-8121 or (408) 927-0710.**

ORIGINAL  
File with DWR

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
WATER WELL DRILLERS REPORT

Do not fill in

No. 362286

Notice of Intent No.

Local Permit No. or Date 90W2146

State Well No. 06S1E05Q04

Other Well No.

(1) OWNER: Name ARCU Products Co  
Address Box 5811  
City San Mateo CA ZIP 94404

(2) LOCATION OF WELL (See instructions)

County Santa Clara Owner's Well Number E-1

Well address if different from above

Township Range Section

Distance from cities, roads, railroads, fences, etc.

APN 88 4 074

(12) WELL LOG: Total depth 40 ft. Completed depth 40 ft.  
from ft. to ft. Formation (Describe by color, character, size or material)

0-5 ASPHALT  
5-1 SOIL AND GRAVEL FILL  
1-11.5 SANDY CLAY & clay; dark gray damp  
11.5-13 SAND; light grayish brown; damp  
13-14.5 CLAYEY SANDY GRAVEL; olive; damp  
14.5-28.5 SANDY CLAY; light grayish brown  
28.5-30 SILTY SAND; yellowish brown; wet  
30-31 SANDY CLAY; yellowish brown; damp  
32-40 SILTY SAND; yellowish brown; wet

TYPE OF WORK

Well ☒ Deepening  
☐ Construction  
☐ Conditioning  
☐ Horizontal Well  
☐ Construction (Describe construction materials and procedures in Item 12)

PROPOSED USE

Domestic ☐  
Irrigation ☐  
Industrial ☐  
Well ☐  
Principal ☐

WELL LOCATION SKETCH (Describe) monitoring

(5) EQUIPMENT

Rotary ☐ Reverse ☐  
Cable ☐ Air ☐  
Other ☐ Bucket ☐  
hollow-stem auger

(6) GRAVEL PACK

Yes ☒ No ☐ Size #20  
Diameter of bore 12  
Packed from 15 to 37 ft

(7) CASING INSTALLED

Steel ☐ Plastic ☒ Concrete ☐

(8) PERFORATIONS

Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Cage or Wall	From ft.	To ft.	Slot size
0	40	4.5	sch40	17.5	37	0.020

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 11.5 ft.

Were strata sealed against pollution? Yes ☒ No ☐ Interval 2 ft.

Method of sealing bentonite

(10) WATER LEVELS:

Depth of first water, if known ft.

Standing level after well completion ft.

(11) WELL TESTS:

Was well test made? Yes ☐ No ☐ If yes, by whom?

Type of test Pump ☐ Bailers ☐ Air lift ☐

Depth to water at start of test ft. At end of test ft.

Discharge gal/min after hours Water temperature

Chemical analysis made? Yes ☐ No ☐ If yes, by whom?

Was electric log made? Yes ☐ No ☐ If yes, attach copy to this report

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Signed FBCON Associates for  
NAME Bayland Drilling Co

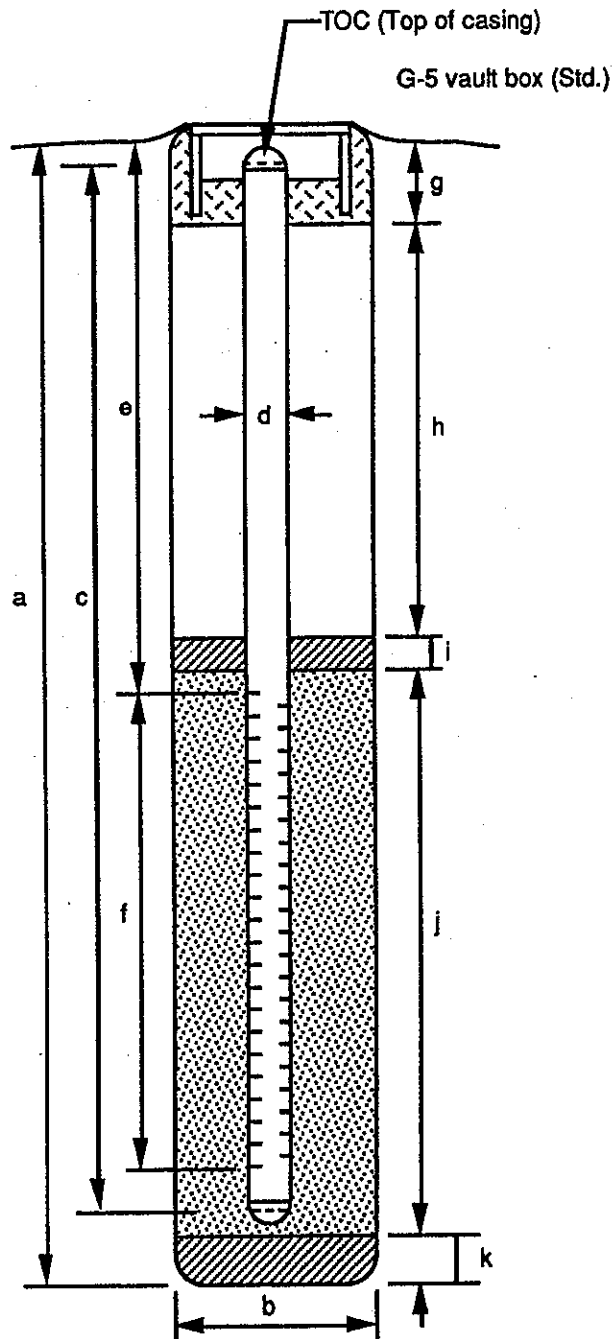
Address 555 D Pilgrim Drive

City Foster City, CA ZIP 94402

License No. C57-374152 Date of this report 12/12/92

# WELL DETAILS

PROJECT NUMBER 805-73.15 BORING / WELL NO. EX-1  
 PROJECT NAME ARCO SS#2100 TOP OF CASING ELEV. ~45.5 ft.  
 LOCATION 98 South Park Victoria Drive, Milpitas GROUND SURFACE ELEV. ~55 ft.  
 WELL PERMIT NO 90W2146 DATUM MSL  
 INSTALLATION DATE 10/18/90



## EXPLORATORY BORING

a. Total depth 40.0 ft.  
 b. Diameter 12 in.  
 Drilling method Hollow-stem augers

## WELL CONSTRUCTION

c. Total casing length 40.0 ft.  
 Material Schedule 40 PVC  
 d. Diameter 4.5 in.  
 e. Depth to top perforations 17.5 ft.  
 f. Perforated length 19.5 ft.  
 Perforated interval from 17.5 to 37.0 ft.  
 Perforation type Machine-slot  
 Perforation size 0.020-inch  
 g. Surface seal 1.5 ft.  
 Material Concrete  
 h. Backfill 11.5 ft.  
 Material Neat Cement  
 i. Seal 2.0 ft.  
 Material Bentonite  
 j. Gravel pack 22.0 ft.  
 Gravel pack interval from 15.0 to 37.0 ft.  
 Material Lonestar #2/12  
 k. Bottom seal/fill 3.0 ft.  
 Material Bentonite

# LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.15  
PROJECT NAME ARCO SS #2100  
BY K. ELLIOTT DATE 10/18/90

BORING NO. EX-1  
PAGE 1 OF 2  
SURFACE ELEV. ~55 ft.

*DR AT*

RECOVERY (ft/ft)	PRESSURE (psi)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
4.0/4.0			5			ASPHALT. SOIL AND GRAVEL FILL. SANDY CLAY (CL), dark gray (10YR, 4/1); 75-80% low to moderate plasticity fines; 20-25% fine sand; trace fine gravel; very stiff; damp; no product odor.	
1.5/1.5	250		10			CLAY (CL), light grayish brown (10YR, 6/2); 90-95% low to moderate plasticity fines; 5-10% fine sand; damp; no product odor.	
3.5/3.5	400						
	500		15			SAND (SM), light grayish brown (10YR, 6/2); 10% low plasticity fines; 90% fine to medium sand; damp; no product odor. CLAYEY SANDY GRAVEL (GC), olive (5Y, 5/3); 20-25% low plasticity fines; 20-25% fine sand; 50-60% fine to coarse gravel; damp; no product odor. SANDY CLAY (CL), light grayish brown (10YR, 6/2); 75-80% low to moderate plasticity fines; 20-25% fine sand; damp; no product odor.	
1.5/1.5	200						
	250						
3.5/3.5	300						
1.5/1.5	100		20			@ 18': low plasticity fines; trace to 10% coarse sand to fine gravel.	
	300						
	400						



## REMARKS

Boring was drilled using 8-inch-diameter hollow-stem augers and reamed with 12-inch diameter hollow-stem augers. Continuous logging was conducted using a 3-inch-diameter by five-foot-long split barrel sampler and soil samples were collected using a 2.5-inch-diameter modified California split-spoon sampler. A 4.5-inch-diameter extraction well was installed in the boring.

# LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.15

BORING NO. EX-1

PROJECT NAME ARCO SS #2100

PAGE 2 OF 2

BY K. ELLIOTT DATE 10/18/90

SURFACE ELEV. ~55 ft.

RECOVERY (ft/ft)	PRESSURE (psi)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
2.5/3.5						@ 20': SANDY CLAY (CL), yellowish brown (10YR, 5/4); 70% moderate to high plasticity fines; 20% fine sand; 10% coarse sand to fine gravel; slight product odor. @ 22-23.5': strong product odor.	
1.5/1.5	250	10/18/90					
	600						
3.5/3.5	refusal		25				
1.5/1.5	250						
	300						
3.0/3.5	500		30			SILTY SAND (SM), yellowish brown (10YR, 5/6); 20% non-plastic fines; 75% fine sand; 5% fine gravel; wet; no product odor. SANDY CLAY (CL), yellowish brown (10YR, 5/4); 70% moderate to high plasticity fines; 20% fine sand; 10% coarse sand to fine gravel; damp; no product odor. SILTY SAND (SM), yellowish brown (10YR, 5/6); 20% fines; 75% fine sand; 5% fine gravel; wet; no product odor.	
1.5/1.5	200						
	250						
3.5/3.5	450		35				
1.5/1.5	300					@ 38': fine gravel content increasing.	
	400						
	500		40			BORING TERMINATED AT 40 FEET.	



## REMARKS

Boring was drilled using 8-inch-diameter hollow-stem augers and reamed with 12-inch diameter hollow-stem augers. Continuous logging was conducted using a 3-inch-diameter by five-foot-long split barrel sampler and soil samples were collected using a 2.5-inch-diameter modified California split-spoon sampler. A 4.5-inch-diameter extraction well was installed in the boring.



# 98 S. Park Victoria



APN: 08804061  
\*no Site Address\*  
CA

Well Annotations- 1 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	06S01E05Q024	89W1761	MW-5	Other-Active	6159830	1983319

- Wells.shp
- ⊕ Water Supply - Active
  - ⊞ Water Supply - Standby
  - Water Supply - Inactive
  - ⊕ Extraction (Env) - Active
  - Extraction (Env) - Inactive
  - ⊕ Other - Active
  - Other - Inactive
  - \* Abandoned
  - ⊕ Destroyed
  - ▲ Status Undetermined
- Parcels.shp
- ▲ Fuelleak.shp
- VALFLOOR.SHIP
- Zone 1
  - Zone 2
  - Zone 3
  - Zone 4
  - Zone 5

Approximate Scale

150 0 150 300 Feet

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00634

<b>Well Owner:</b> Atlantic Richfield Company	<b>Property Owner:</b> Mr. Bertram Berns	<b>Name of Business/Residence at Well Site:</b> ARCO Service Station #2100	
<b>Well Owner's Mailing Address:</b> P.O. Box 6549	<b>Property Owner's Mailing Address:</b> 1245 South Winchester Blvd.	<b>Address of Well Site:</b> 98 South Park Victoria	
<b>City, State, Zip:</b> Moraga, CA 94570	<b>City, State, Zip:</b> San Jose, CA 95128	<b>City, State, Zip:</b> Milpitas, CA	
<b>Telephone No.:</b> 925-299-8891	<b>Telephone No.:</b> 408-249-1440	<b>Assessor's Parcel Number of Well Site:</b> Book: 088 Page: 04 Parcel: 079	
<b>Consultant:</b> URS Corporation		<b>Drilling Company:</b> Gregg Drilling	
<b>Address:</b> 1333 Broadway, Suite 800		<b>Address:</b> 950 Howe Road	
<b>City, State, Zip:</b> Oakland, CA 94612		<b>City, State, Zip:</b> Martinez, CA 94553	
<b>Telephone No.:</b> 510-874-3026 / John McCain		<b>Telephone No.:</b> 925-313-5800	<b>C-57 License No.:</b> 485165
<input type="checkbox"/> Check if address or phone number has changed.		<input type="checkbox"/> Check if address or phone number has changed.	

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

## Well Information

<b>Well Registration No.:</b> 06S01E05Q009	<b>Owner/Consultant Well No.:</b> EX-2	<b>Original Well Construction Permit No.:</b> 89W1758 (?)
<b>Well Casing Depth:</b>	<b>Total Boring Depth:</b>	<b>Well Casing Diameter:</b>

## THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station 2100

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

<input type="checkbox"/> Well on SCVWD property/easement*	<input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank*	(* See General Conditions, E.)
<b>Well Description:</b>		
<input checked="" type="checkbox"/> Vertical Well	<input type="checkbox"/> Dewatering Well	<input type="checkbox"/> Elevator Shaft
<input type="checkbox"/> Multiple Casing	<input type="checkbox"/> Horizontal Wall	<input type="checkbox"/> Pit Well
<b>Well Type:</b> check all that apply		
<input type="checkbox"/> Water Producing (supply or extraction)	<input type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Agricultural
<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal & Industrial	<input type="checkbox"/> Vapor Extraction
<input checked="" type="checkbox"/> Monitoring	<input type="checkbox"/> Inclinator	<input type="checkbox"/> Groundwater
<input type="checkbox"/> Vadose	<input type="checkbox"/> Piezometer	<input type="checkbox"/> Interface
<input type="checkbox"/> Suction Lysimeter	<input type="checkbox"/> Seismic	
<input type="checkbox"/> Injection/Infiltration	<input checked="" type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Reclaimed Water
<input type="checkbox"/> Air Sparging		
<input type="checkbox"/> Cathodic Protection		

## Additional Questions For Water Producing Wells

<b>Does the well have:</b>	1. Outer conductor casing?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	2. Annular cement seal outside of casing at surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	3. A S.C.V.W.D. water meter attached?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<b>Type of Original Drilling Method:</b>			
<input type="checkbox"/> Rotary	<input type="checkbox"/> Cable-Tool	<input type="checkbox"/> Hand Dug Pit Well	<input type="checkbox"/> Hollow Stem Auger
<input type="checkbox"/> Other:			

## IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.  
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.  
Please allow 10 working days to process permit application.

SEP 7 2005

S.C.V.W.D.



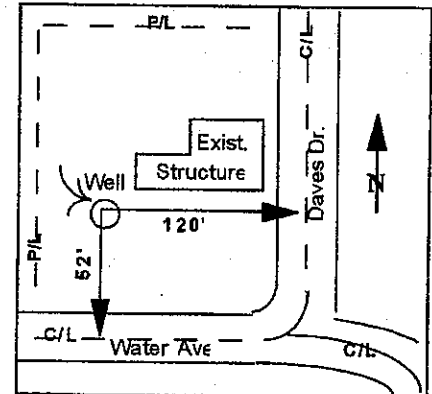
## Site Plan

### WELL LOCATION

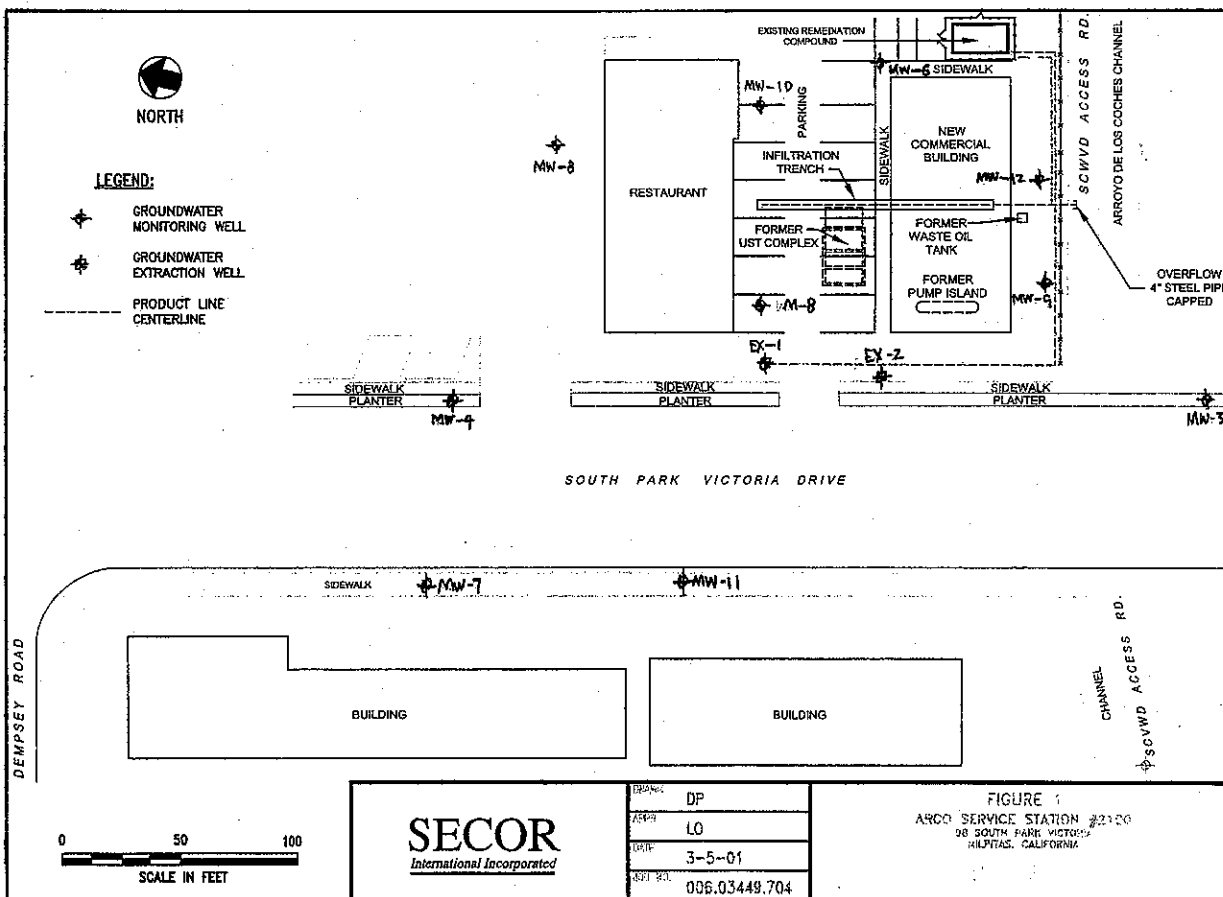
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described above:



Please allow 10 working days to process this application.



Please describe, in detail, the proposed destruction method\*:

Well destruction via pressure grout according to SCVWD guidelines.

\* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

**NOTE:** All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: 	Print Name: Jacob Henry/ URS for Atlantic Richfield Co A.F.	Date: 9/21/05
Signature of Driller/Agent: 	Print Name: Jacob Henry/ URS for Gregg Drilling A.F.	Date: 9/21/05
Signature of Consultant (if any): 	Print Name: Jacob Henry/ URS A.F.	Date: 9/21/05

### DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

Pressure Grout Method (as outlined in Standards).

**NOTE:** Neat cement is the only sealing material approved for pressure grouting.

- ☒ Drill out well to a total depth of 40 feet, with a minimum bore of 12 inches.
- ☐ Clean out well casing to a total depth of \_\_\_\_\_ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). **NOTE:** Neat cement is the only sealing material approved for back filling gravel packed wells.
- ☐ Well casing must be perforated at the following depths prior to backfilling: \_\_\_\_\_
- ☐ Other: Gravel Pack: 13' - 37'  
perforations: 17.5' - 37'

Permit Approved By: 		Date: 9-20-05	
District Permit No.: 05D00634	Date Issued: 9-21-05	Expiration Date: 3-21-05	Driller's Log No.: 030203

Please allow 10 working days to process this application.

**GENERAL CONDITIONS**

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District



# WELL INSPECTION COMPLETION NOTICE

FC 158A (07-26-89) (DP 4-901)

From: WELL SECTION	Date:	Permit No.: 89W/758
Inspector: P. Thiemann	Date of Inspection: 9/19/89	Well Registration No.: MW-2 06SIE05Q009
Well Owner: Arco		
Address of Well Site: 98 S. Park Victoria	City or County: Milpitas	
Drilling Company: Bayland	Consultant: Emcon	

## PURPOSE OF WELL:

- |   |  |
|---|--|
| <input type="checkbox"/> Domestic             | <input checked="" type="checkbox"/> *Monitoring Well Use |
| <input type="checkbox"/> Agricultural         | <input type="checkbox"/> *Vadose                         |
| <input type="checkbox"/> Municipal/Industrial | <input checked="" type="checkbox"/> *Groundwater         |
| <input type="checkbox"/> Cathodic Protection  | <input type="checkbox"/> *Other                          |

- Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)
- Depth of Surface Annular Seal - 15

Comments: 4.5" PVC; TD 40; Hollow Stem bent 40 to 37; screen 37 - 17 bent 15 to 12

Distribution: White - Well Section Yellow - Water Revenue Pink - Permitee Goldenrod - City/County

①

Santa Clara Valley Water District  
5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

EMCON #805-73.03

WELL CONSTRUCTION APPLICATION

FC 158 (07-28-89) (DP 4-901)

TO BE COMPLETED BY DISTRICT		
District Permit No.: <b>89W/758</b>	Date Issued: <b>9/14/89</b>	Well Registration No.: <b>0051E05Q20A</b>
Well Setting: <b>3</b>	Expiration Date: <b>12/14/89</b>	Driller's Log No.: <b>332226</b>

TO BE COMPLETED BY OWNER AND DRILLER		
Property Owner: <b>ARCO Products Co.</b>	Well Owner (if different): <b>same</b>	Drilling Co.: <b>Bayland Drilling</b>
Address: <b>P.O. Box 5811</b>	Address of Well Site: <b>98 South Park Victoria</b>	Driller's Contractors License Number (C-57 Req'd): <b>C57-374152</b>
City, State, Zip: <b>San Mateo, CA 94402</b>	City, State, Zip: <b>Milpitas, CA</b>	Address: <b>600 Crane Ave.</b>
Telephone No.: <b>(408) 453-7300</b>	Telephone No.:	City, State, Zip: <b>Foster City, CA 94404</b>
Assessor's Parcel No. of Well site: Book <b>88</b> Page <b>4</b> Parcel <b>74</b>	Owner's/Consultant's Well No.: <b>MW-2</b>	Telephone No.:

Estimated depth of completed well: ☒ Less than 50 ft. ☐ 50 to 300 ft. ☐ Over 300 ft.

Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ \*Monitoring ☐ Cathodic Protection

\*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive air samples for analysis. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

Purpose of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☒ Exploration studies ☐ Extraction/Recovery

☐ Other (specify):

NAME OF BUSINESS AT WELL SITE: **ARCO Service Station #2100**

Proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No

If yes, give name of City or County:

Consultant's Name (Company):

**EMCON Associates**

Address:

**1921 Ringwood Ave.**

City, State, Zip:

**San Jose, CA 95131**

Telephone No.:

**(408) 453-7300**

Type of monitoring device: ☒ Groundwater ☐ Vadose

Monitoring well use: ☒ Depth ☒ Quality ☐ Chloride

Vadose device installation: ☐ Vapor ☐ Interfac ☐ Suction Lysimeter

*Thomas W. Carty*  
Signature of Responsible Professional  
(No substitution of signature will be accepted)

Registration No. Civil Engineer

OR

Certificate No. Engineering Geologist

TOPOGRAPHIC FEATURES

Well is to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☒ On private property ☐ On SCVWD property

Within 50 ft. of the top of a creek bank ☐ Yes ☒ No Within 50 ft. of any existing well ☒ Yes ☐ No

Within 50 ft. of a sanitary sewer ☐ Yes ☒ No Within 150 ft. of a cesspool or seepage pit ☐ Yes ☒ No

Within 100 ft. of a pit privy, septic tank, leachfield ☐ Yes ☒ No Other wells exist on this property ☒ Yes ☐ No

Status: ☒ Active ☐ Inactive ☐ Abandoned

CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 85-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

**EMCON Associates for ARCO**

Signature of Well Owner/Agent

**EMCON Associates for Bayland Drilling**

Signature of Driller/Agent

**8/29/89**

Date

**8/29/89**

Date

MONITORING WELL PLAN APPROVAL

City/County:

Approved by:

Date:

IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal. Call (408) 265-2600, Ext. 360. For weekends, holidays, after hours call (408) 395-8121 or (408) 265-2605.

EMCON 805-73.03

ORIGINAL  
File with DWR

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
WATER WELL DRILLERS REPORT

Do not fill in

No. 332226

Notice of Intent No. \_\_\_\_\_

State Well No. 06S1E05Q20ALocal Permit No. or Date 89W1758

Other Well No. \_\_\_\_\_

(1) OWNER: Name ARCO RXM Products Co.  
Address P.O. Box 5811  
City San Mateo, CA ZIP 94402

(2) LOCATION OF WELL (See instructions):  
County Santa Clara Owner's Well Number MW-2  
Well address if different from above 98 S. Park Victoria, MP  
Township 88 Range 4 Section 74  
Distance from cities, roads, railroads, fences, etc. \_\_\_\_\_

SEE ATTACHED MAP

(3) TYPE OF WORK  
New Well ☒ Deepening ☐  
Reconstruction ☐  
Reconditioning ☐  
Horizontal Well ☐  
Destruction ☐ (Describe destruction method and procedures in Item \_\_\_\_\_)

(4) PROPOSED USE  
Domestic ☐  
Irrigation ☐  
Industrial ☐  
Test Well ☐  
Municipal ☐  
Other Monitoring ☒ (Describe) \_\_\_\_\_

## WELL LOCATION SKETCH

## (5) EQUIPMENT

Rotary ☐ Reverse ☐  
Cable ☐ Air ☐  
Other ☒ Bucket ☐  
Hollow-stem auger

(6) GRAVEL PACK Sand  
Yes ☒ No ☐ Size 12-20  
Diameter of bore 12"  
Packed from 13 to 37.1

## (7) CASING INSTALLED

Steel ☐ Plastic ☒ Concrete ☐

(8) PERFORATIONS  
Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
0	40	4.5	Sch. 40	17.5	37.1	0.020"

## (9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 2 ft.

Were strata sealed against pollution? Yes ☒ No ☐ Interval XXXXXX ft.

Method of sealing Concrete/Bentonite 13-15'

## (10) WATER LEVELS:

Depth of first water, if known 25.1 ft.

Standing level after well completion 15.8 ft.

## (11) WELL TESTS:

Was well test made? Yes ☐ No ☒ If yes, by whom? \_\_\_\_\_

Type of test \_\_\_\_\_ Pump ☐ Bailor ☐ Air lift ☐

Depth to water at start of test \_\_\_\_\_ ft. At end of test \_\_\_\_\_ ft.

Discharge \_\_\_\_\_ gal/min after \_\_\_\_\_ hours Water temperature \_\_\_\_\_

Chemical analysis made? Yes ☐ No ☒ If yes, by whom? \_\_\_\_\_

Was electric log made? Yes ☐ No ☒ If yes, attach copy to this report

(12) WELL LOG: Total depth 40.5 ft. Completed depth XXXX ft.  
from ft. to ft. Formation (Describe by color, character, size or material)

0.5 - GRAVEL, SAND, AND CLAY FILL

0.5 - CLAYEY SAND, very dark gray; fine

2.5 - to coarse XXXX sand; trace fine

2.5 - gravel; loose; damp

24.0 - SANDY CLAY, mottled, dark yellowish

24.0 - brown and grayish brown; fine to

24.0 - medium sand; very stiff; moist

29.0 - CLAYEY SAND, yellowish brown; fine

29.0 - to medium sand; very stiff; wet

35.8 - SANDY CLAY, yellowish brown; fine to

35.8 - medium sand; very stiff; wet

39.0 - SANDY CLAY, yellowish brown; fine to

39.0 - medium sand; very stiff; wet

39.0 - medium sand; very stiff; wet

39.0 - medium sand; very stiff; wet

39.0 - medium sand; very stiff; wet

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# 98 S. Park Victoria



APN: 08804061  
\*no Site Address\*  
CA

Well Annotations- 1 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	06S01E05Q024	89W1761	MW-5	Other-Active	6159830	1983319

- Wells.shp
- Water Supply - Active
  - Water Supply - Standby
  - Water Supply - Inactive
  - Extraction (Env) - Active
  - Extraction (Env) - Inactive
  - Other - Active
  - Other - Inactive
  - Abandoned
  - Destroyed
  - Status Undetermined
- Parcels.shp
- Fuelleak.shp
- VALFLOOR.SHP
- Zone 1
  - Zone 2
  - Zone 3
  - Zone 4
  - Zone 5

Approximate Scale

150 0 150 300 Feet

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00632

<b>Well Owner:</b> Atlantic Richfield Company	<b>Property Owner:</b> Mr. Bertram Berns	<b>Name of Business/Residence at Well Site:</b> ARCO Service Station #2100	
<b>Well Owner's Mailing Address:</b> P.O. Box 6549	<b>Property Owner's Mailing Address:</b> 1245 South Winchester Blvd.	<b>Address of Well Site:</b> 98 South Park Victoria	
<b>City, State, Zip:</b> Moraga, CA 94570	<b>City, State, Zip:</b> San Jose, CA 95128	<b>City, State, Zip:</b> Milpitas, CA	
<b>Telephone No.:</b> 925-299-8891	<b>Telephone No.:</b> 408-249-1440	<b>Assessor's Parcel Number of Well Site:</b> Book: 088 Page: 04 Parcel: 07#	
<b>Consultant:</b> URS Corporation		<b>Drilling Company:</b> Gregg Drilling	
<b>Address:</b> 1333 Broadway, Suite 800		<b>Address:</b> 950 Howe Road	
<b>City, State, Zip:</b> Oakland, CA 94612		<b>City, State, Zip:</b> Martinez, CA 94553	
<b>Telephone No.:</b> 510-874-3026 / John McCain		<b>Telephone No.:</b> 925-313-5800	<b>C-57 License No.:</b> 485165
<input type="checkbox"/> Check if address or phone number has changed.		<input type="checkbox"/> Check if address or phone number has changed.	

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

## Well Information

<b>Well Registration No.:</b> 06S01E05Q013	<b>Owner/Consultant Well No.:</b> M-8	<b>Original Well Construction Permit No.:</b> 87W0646
<b>Well Casing Depth:</b> 15	<b>Total Boring Depth:</b> 15	<b>Well Casing Diameter:</b> 1"

## THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station 2100

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

<input type="checkbox"/> Well on SCVWD property/easement*	<input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank*	(* See General Conditions, E.)
<b>Well Description:</b>		
<input checked="" type="checkbox"/> Vertical Well	<input type="checkbox"/> Dewatering Well	<input type="checkbox"/> Elevator Shaft
<input type="checkbox"/> Multiple Casing	<input type="checkbox"/> Horizontal Wall	<input type="checkbox"/> Pit Well
<b>Well Type:</b> check all that apply		
<input type="checkbox"/> Water Producing (supply or extraction)	<input type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Agricultural
<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal & Industrial	<input type="checkbox"/> Vapor Extraction
<input checked="" type="checkbox"/> Monitoring	<input type="checkbox"/> Inclinator	<input type="checkbox"/> Groundwater
<input type="checkbox"/> Vadose	<input type="checkbox"/> Piezometer	<input type="checkbox"/> Interface
<input type="checkbox"/> Suction Lysimeter	<input type="checkbox"/> Seismic	
<input type="checkbox"/> Injection/Infiltration	<input type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Reclaimed Water
<input type="checkbox"/> Air Sparging		
<input type="checkbox"/> Cathodic Protection		

## Additional Questions For Water Producing Wells

<b>Does the well have:</b>	1. Outer conductor casing?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	2. Annular cement seal outside of casing at surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	3. A S.C.V.W.D. water meter attached?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<b>Type of Original Drilling Method:</b>			
<input type="checkbox"/> Rotary	<input type="checkbox"/> Cable-Tool	<input type="checkbox"/> Hand Dug Pit Well	<input type="checkbox"/> Hollow Stem Auger
<input type="checkbox"/> Other:			

## IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.  
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ex. 2120.  
Please allow 10 working days to process permit application.

SEP 7 2005

S.C.V.W.D.  
WELLS

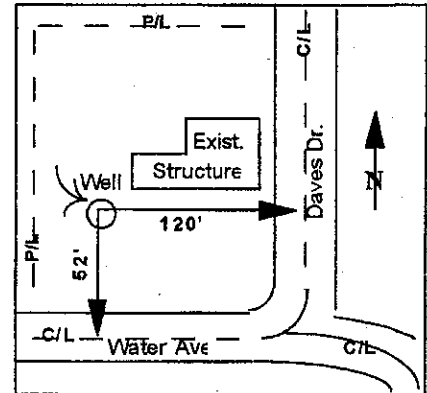
Site Plan

WELL LOCATION

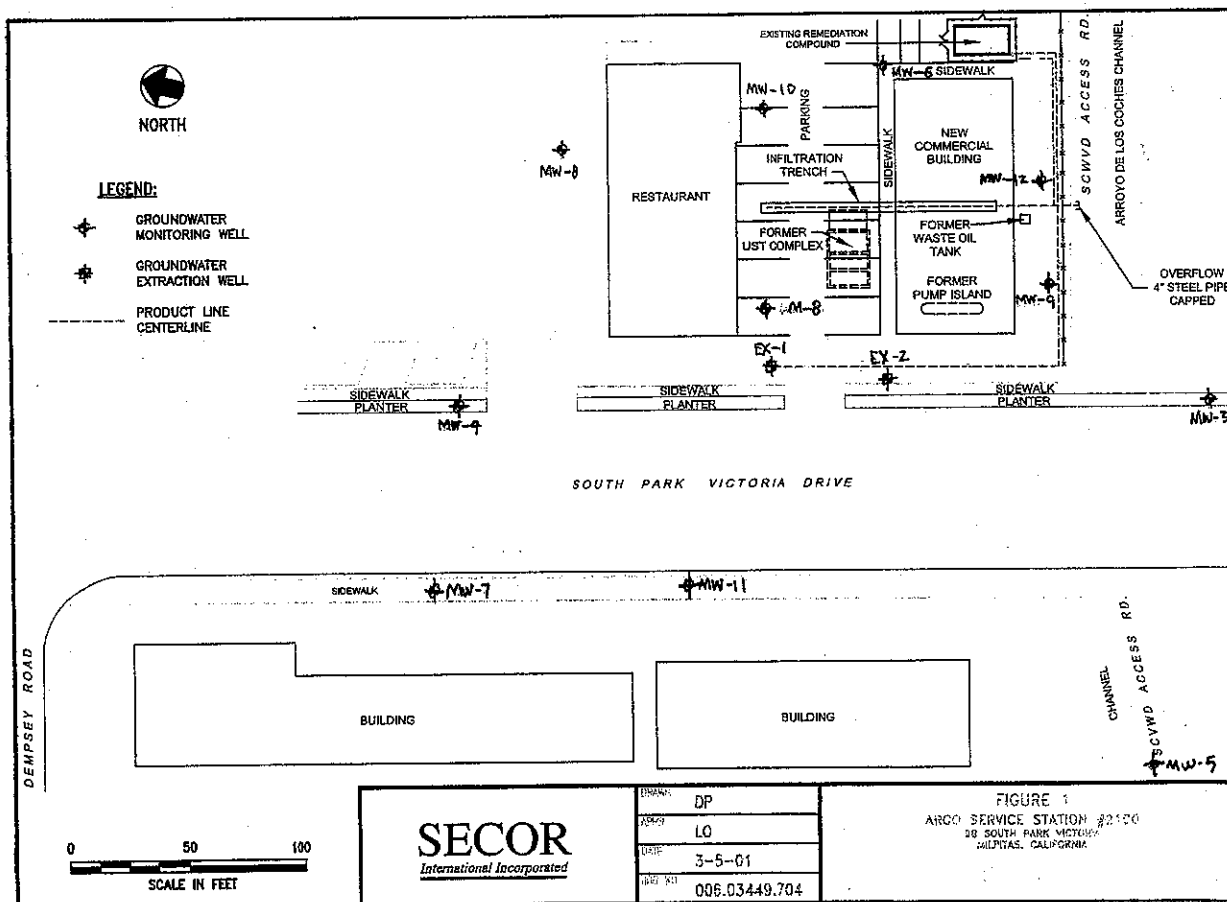
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described above:



Please allow 10 working days to process this application.



Please describe, in detail, the proposed destruction method\*:

Well destruction via pressure grout according to SCVWD guidelines.

\* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

**NOTE:** All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: <i>Jacqueline Davis / URS for ARCO</i>	Print Name: Jacob Henry/ URS for Atlantic Richfield Co	Date: 9/19/05
Signature of Driller/Agent: <i>Jacqueline Davis / URS for Gregg Drilling</i>	Print Name: Jacob Henry/ URS for Gregg Drilling	Date: 9/19/05
Signature of Consultant (if any): <i>Jacqueline Davis / URS</i>	Print Name: Jacob Henry/ URS	Date: 9/19/05

**DISTRICT USE ONLY**

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

**NOTE:** Neat cement is the only sealing material approved for pressure grouting.

☒ OR Drill out well to a total depth of 15 feet, with a minimum bore of 8 inches.

☐ Clean out well casing to a total depth of \_\_\_\_\_ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). **NOTE:** Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: \_\_\_\_\_

☐ Other: \_\_\_\_\_

Permit Approved By: <i>B. Camm</i>	Date: 9-14-05		
District Permit No.: 05D00632	Date Issued: 9-21-05	Expiration Date: 3-21-06	Driller's Log No.: 030201

Please allow 10 working days to process this application.

**GENERAL CONDITIONS**

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District



WELL INSPECTION COMPLETION NOTICE

FC 158A (02-06-86) (DP 4-901)

FROM: Groundwater Protection Section

DATE: 6-11-87

Well Permit No. 87W0646

Well/Boring No. 2100-T9 / 0651505Q049

Inspector D. Matthews

Date of Inspection 6-10-87

Well Owner Arco Petroleum Products

Address of Well Site 98 S. Park Victoria City or County Milpitas

Drilling Co. P.C. Exploration Consultant

Purpose of Well:

- ☐ Domestic  
☐ Agricultural  
☐ Municipal/Industrial  
☐ Cathodic Protection

\*Monitoring Well Use

- ☐ Vadose  
☒ Groundwater  
☐ Other

1. Well completed according to provisions of Santa Clara Valley Water District Permit ☒ Yes ☐ No (If "No", see comments below)  
2. Depth of Surface Annular Seal = 4'

Comments: Hollow Stem

Distribution: White = Groundwater Protection Sect. Pink = Cities or County (w/attach) Canary = Permittee Goldenrod = Water Revenue

Santa Clara Valley Water District  
5750 Almaden Expressway  
San Jose, California 95118  
Telephone (408) 265-2600

WELL CONSTRUCTION APPLICATION 1987

FC 155 (02-08-86) (DP 4-901)

S. C. V. W. D.

TO BE COMPLETED BY DISTRICT

Permit No.: <u>87W0646</u>	Date Issued: <u>6-1-87</u>	Well Registration No.: <u>0651E05R04A</u>
Water Quality Zone: <u>1</u>	Expiration Date: <u>9-1-87</u>	Driller's Log No.: <u>202252</u>
Coordinates of Well: "X" "Y"		

TO BE COMPLETED BY OWNER AND DRILLER

Property Owner: <u>Arco Petroleum Products Co.</u>	Well Owner (if different):	Drilling Co.: <u>P.C. Exploration</u>
Address: <u>2000 Alameda de las Pulgas</u>	Address of Well Site: <u>98 South Park Victoria Dr.</u>	Driller's Contractors License Number: <u>265556 C57</u>
City/State/Zip: <u>San Mateo, CA 94403</u>	City/State/Zip: <u>Milpitas, CA 95035</u>	Address: <u>1575 Booth Road</u>
Telephone No.: <u>(415) 591-2439</u>	Telephone No.: <u>(408) 942-0324</u>	City/State/Zip: <u>Roseville, CA 95661</u>
Assessor's Parcel No. of Well Site: <u>088</u> Page <u>04</u> Parcel <u>014</u>	Owner's/Consultant's Well No.:	Telephone No.: <u>(916) 783-9733</u>

Estimated depth of completed well: ☒ Less than 50 ft. ☐ 50 to 300 ft. ☐ Over 300 ft.  
Water Quality Zone No.: 1 (See Fig. 1 SCVWD Construction Standards. Use "BR" if bedrock).  
Purpose of Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural ☒ Monitoring ☐ Cathodic Protection  
\*Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive water samples for analyses. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

THIS SECTION TO BE COMPLETED IF THIS APPLICATION IS FOR A MONITORING WELL

Use of Monitoring Well: ☐ To comply with City or County Hazardous Materials Storage Permit Ordinance ☐ Exploration studies  
☒ Other (specify): Problem assessment work

Name of Business at Well Site: Arco Service Station No. 2100

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? ☐ Yes ☐ No

If yes, give name of City or County

Brown and Caldwell

Consultant's Name (company)

P.O. Box 8045

Address

Walnut Creek, CA 94596-1220

City/State/Zip

(415) 937-9010

Telephone No.

Type of monitoring device: <input type="checkbox"/> Groundwater <input checked="" type="checkbox"/> Vadose
Monitoring well use: <input type="checkbox"/> Depth <input checked="" type="checkbox"/> Quality <input type="checkbox"/> Depth and Quality
<input type="checkbox"/> Chloride <input type="checkbox"/> Depth and Chloride
Vadose device installation: <input checked="" type="checkbox"/> Vapor <input type="checkbox"/> Interface <input type="checkbox"/> Suction Lysimeter
Signature of Responsible Professional
Registration No. <u>1697</u> OR Certificate No.
Civil Engineer OR Engineering Geologist

TOPOGRAPHIC FEATURES

Is well to be constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☒ On private property  
Within 50 ft. of the top of a creek bank ☐ Yes ☒ No  
Within 50 ft. of a sanitary sewer ☒ Yes ☐ No  
Within 100 ft. of a pit privy, septic tank, leachfield ☐ Yes ☐ No  
Within 50 ft. of any existing well - Vadose Monitoring ☒ Yes ☐ No  
Within 150 ft. of a cesspool or seepage pit ☐ Yes ☐ No  
Plot well location on reverse side of this application

CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the Santa Clara Valley Water District's Ordinance 85-1 and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County or City, as appropriate. It is my responsibility as the well owner to notify this District of any changes in the purpose of this well from that which is indicated on this application form.

Signature of Well Owner/Agent: [Signature]

Date: 5/13/87

Signature of Driller/Agent: [Signature]

Date: 5-19-87

MONITORING WELL PLAN APPROVAL

City/County:
Approved by:
Date:

IMPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the annular seal.  
Call (408) 265-2600, Ext. 380. For weekends, holidays, after hours call (408) 395-8121 or (408) 265-2605.

ORIGINAL

File with DWR

STATE OF CALIFORNIA  
THE RESOURCES AGENCYDEPARTMENT OF WATER RESOURCES  
WATER WELL DRILLERS REPORT

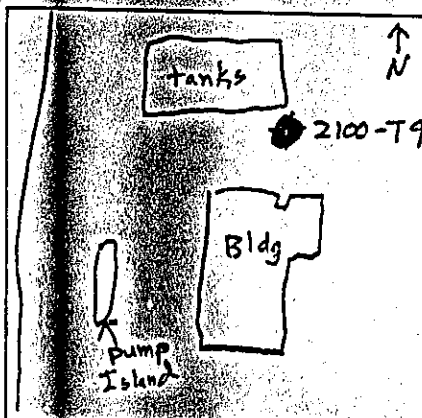
Do not fill in

No. 202252

Notice of Intent No.

Local Permit No. or Date 871101010State Well No. 0651E05004A

Other Well No.

(1) OWNER: Name Arco Petroleum Products Co.  
Address 2000 Alameda de las Pulgas  
City San Mateo Zip 94403(2) LOCATION OF WELL (See instructions):  
County Santa Clara Owner's Well Number 2100-T9Well address if different from above 98 South Park Victoria  
Township 6S Range 1E Section 5Distance from cities, roads, railroads, fences, etc. Approximately 5 feet South from Southeast corner of eastern most tank

## (3) TYPE OF WORK:

New Well ☒ Deepening ☐  
Reconstruction ☐  
Reconditioning ☐  
Horizontal Well ☐Destruction ☐ (Describe destruction materials and procedures in item 12)

## (4) PROPOSED USE:

Domestic ☐  
Irrigation ☐  
Industrial ☐  
Test Well for monitoring ☒  
Stock moose zone ☐  
Municipal ☐  
Other ☐(12) WELL LOG: Total depth 16.5 ft. Depth of completed well 15 ft.  
from ft. to ft. Formation (Describe by color, character, size or material)

0 - 0.3	Asphalt
0.3 - 1.5	Sand: clayey and
1.5 - 15.5	Gravel: clayey, brown slightly moist fill
15.5 - 16.5	Clay: sandy, dark brown, dark gray, very slightly moist, 30 to 15% fine sand
	Sand: olive green, slightly moist

## WELL LOCATION SKETCH

(5) EQUIPMENT:  
Rotary ☐ Reverse ☐  
Cable ☐ Ah ☐  
Other ☒ Holbrook ☐ Bucket ☐(6) GRAVEL PACK:  
Yes ☒ No ☐ Size No. 1 sand  
Diameter of bore 6 inches  
Packed from 4.4 to 15 ft.

## (7) CASING INSTALLED:

Steel ☐ Plastic ☒ Concrete ☐

## (8) PERFORATIONS:

Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Cage or Wall	From ft.	To ft.	Slot size
0	15	1	5.140	5	15	0.020
			5.140			

## (9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 4.4 ft.Were strata sealed against pollution? Yes ☒ No ☐ Interval ft.Method of sealing ft.

## (10) WATER LEVELS:

Depth of first water, if known Not encounteredStanding level after well completion ft.

## (11) WELL TESTS:

Was well test made? Yes ☐ No ☒ If yes, by whom?Type of test Pump ☐ Boiler ☐ Air lift ☐Depth of water at start of test ft. At end of test ft.Discharge gal/min after hours Water temperature °FChemical analysis made? Yes ☐ No ☒ If yes, by whom?Was electric log made? Yes ☐ No ☒ If yes, attach copy to this reportWork started 6-10 19 87 Completed 6-10 19 87

## WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

SIGNED Hand J. Dale

(Well Driller)

NAME PC EXPLORATION INC

(Person, firm, or corporation) (Typed or printed)

Address PO Box 1109City Roseville CA Zip 95661License No. 265562-57 Date of this report 8-18-87

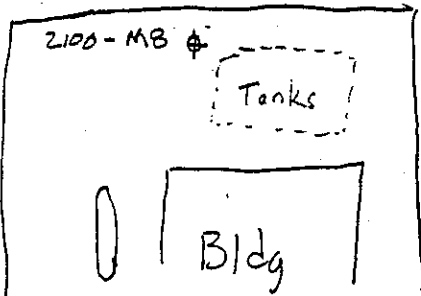
DWR 188 (REV. 7-79) IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

PC EXPLORATION  
1087

④

# BROWN AND CALDWELL

## LOCATION OF BORING



## CLIENT

ARCO PETROLEUM PRODUCTS CO.

## BORING NO.

2100-M8

## LOCATION

ARCO SS # 2100

## JOB NO.

3245-04

## WATER LEVEL

18.35

## TIME

1608

## DATE

6/9/87

## CASING DEPTH

23

## SHEET

1 OF 2

## DRILLING

## START TIME

1411

## FINISH TIME

1910

## DATE

6/9/87

## DATE

6/9/87

## DRILLING CONTRACTOR

PC EXPLORATION

## DRILLING METHOD

10" O.D. CONTINUOUS

## FLIGHT HOLLOW STEM AUGERS

## SAMPLING METHOD

MODIFIED CALIFORNIA DRIVE SAMPLE (CA) STANDARD SPLIT SPOON SAMPLER (SP)

## N/S

## E/W

## ELEV.

SURFACE CONDITIONS Asphalt in station driveway near Tanks.

## MATERIALS ENCOUNTERED AND DRILLING CONDITIONS

0-0.3 Asphalt  
0.3-0.8 Fill, Clay, sand, gravel, brown  
0.8-11.0 Clay, brown, sandy. Sand is fine grained about 25-35% Moist.  
Becomes more brown w/ calcite cement at 2 ft.

Becomes less sandy (<15%) below about 4 ft.

Gravelly at 5.5-6 ft. w/ cobbles to 2".

Moist. No odor

Clay, sandy, light brown. Sand is fine or med. about 40%. Up to 5% fine gravel. Dry No odor.

Silt, fine sandy, olive green, slightly moist. Fuel odor. Above 25-35% fine silt, 5% fine gravel.

TLV: 13.5-14' 550 rpm

Brown fine grained clay, med, product shown. Re-sample sample by cataphor

DRILLER MAIL WESTERVELT

RIG MOBILE DRILL B-53

BY R. WIEGAND, G. WYATT

DATE JUNE 9, 1987 CHK'D BY

WELL CONST.	ANNULUS CASING	CASING ANNULUS	SAMPLER TYPE	INCHES DRIVEN	INCHES RECOVERED	SAMPLE NO. DEPTH	BLOWS/6" SAMPLER	DEPTH IN FEET	SOIL CALLOUT
	CONCRETE	CONCRETE						0	
	CLAY	CLAY						1	CL
	CLAY	CLAY						2	
	CLAY	CLAY						3	
	CLAY	CLAY						4	
	CLAY	CLAY						5	
	CLAY	CLAY	CA	18	16		2 4	6	
	CLAY	CLAY	CA	18	18		2 5	7	
	CLAY	CLAY	CA	18	18		6	8	
	CLAY	CLAY	CA	18	14		2 3	9	ML
	CLAY	CLAY	CA	18	14		7	10	
	CLAY	CLAY	CA	18	14		7	11	
	CLAY	CLAY	CA	18	14		7	12	
	CLAY	CLAY	CA	18	14		7	13	
	CLAY	CLAY	CA	18	14		7	14	
	CLAY	CLAY	CA	18	14		7	15	
	CLAY	CLAY	CA	18	14		7	16	
	CLAY	CLAY	CA	18	14		7	17	
	CLAY	CLAY	CA	18	14		7	18	
	CLAY	CLAY	CA	18	14		7	19	
	CLAY	CLAY	CA	18	14		7	20	

**BROWN AND CALDWELL**

LOCATION OF BORING	CLIENT ARCO PETROLEUM PRODUCTS CO.				BORING NO. 2100-MB		
	LOCATION ARCO SS#2100			JOB NO. 3245-04			
	WATER LEVEL	16.8	16.4			SHEET 2 OF 2	
	TIME	14:13	16:19			DRILLING	
	DATE	6/9	6/9/07			START	FINISH
	CASING DEPTH	22	23			TIME	TIME
	DRILLING CONTRACTOR				DATE		
	DRILLING METHOD				DATE		
	SAMPLING METHOD						

WELL CONST.		SAMPLER TYPE	INCHES DRIVEN INCHES RECOVERED	SAMPLE NO. SAMPLE DEPTH	BLOWS/6" SAMPLER	DEPTH IN FEET	SOIL CALLOUT	N/S	E/W	ELEV.
CASING	ANNULUS							SURFACE CONDITIONS		
								MATERIALS ENCOUNTERED AND DRILLING CONDITIONS		
4" DIAMETER SCH. 40 PVC SLOTTED CASING	NO. 1 SAND FILTER INSTALLING	SP ↓	18 16		2 3	20 1 2 3 4 5 6 7 8 9 30 1 2 3 4 5 6 7 8 9 0	CL	fine clay, sandy, w/ small fraction, wet sand lenses at 24'		
		SP ↓	18 18		3 6 10					

# 98 S. Park Victoria



APN: 08804061  
\*no Site Address\*  
CA

Well Annotations- 1 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	06S01E05Q024	89W1761	MW-5	Other-Active	6159830	1983319

- Wells.shp
- ⊕ Water Supply - Active
  - ⊞ Water Supply - Standby
  - Water Supply - Inactive
  - ⊕ Extraction (Env) - Active
  - Extraction (Env) - Inactive
  - ⊕ Other - Active
  - Other - Inactive
  - \* Abandoned
  - ⊕ Destroyed
  - ▲ Status Undetermined
- Parcels.shp
- Fuellaak.shp
- VALFLOOR.SHP
- Zone 1
  - Zone 2
  - Zone 3
  - Zone 4
  - Zone 5

Approximate Scale

150 0 150 300 Feet